# MARINCO®

MARINE
EMERGENCY VEHICLE
INDUSTRIAL
RV

# 2 0 2 3

# NAVICO GROUP

## Your most trusted partner

Navico Group is the world's leading supplier of integrated systems and products to industries ranging from marine to recreational vehicles. We bring together the best brands, products and people to create groundbreaking innovations that reinvent the consumer experience. Our broad portfolio of the industry's leading brands in power management, digital control & monitoring, networked devices, and marine electronics are distributed globally to a diverse aftermarket and OEM customer base. Navico Group is driven, every day, to be the world's most trusted partner to the marine and mobile industries, and beyond.

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# What makes Marinco different:

## ▌Founder's Vision

Since 1972, Marinco power inlets and cords have set the industry standard. They are built to withstand the harshest marine environments. Marinco has continued to expand their product line to offer a complete range of shore power cords from 16A to 100A, as well as a broad range of cord adapters. Marinco is also a leading supplier of wipers, spotlights and horns to the marine industry.

## ▌Innovation & Engineering

Marinco engineers and manufactures a range of high quality electrical solutions designed for the harsh Marine and RV environments. Every product we make meets exacting performance specifications and is designed to withstand extreme conditions both at sea, and on land.

## ▌Selection

Over 800 electrical products are designed to work together as a system

## ▌Worldwide Access to Product

A distribution network in over 45 countries provides access to products when they are needed

## ▌Information

24-hour access to product information, selection tools, and technical articles online at marinco.com

## ▌Industry Standards

Industry involvement ensures products meet ABYC, NMMA, and Coast Guard standards

## ▌Quality

Product quality is managed in a manner consistent with international standards

# Table of Contents

## Shore Power

p. 11    p. 14    p. 16    p. 17

p. 18    p. 18    p. 21    p. 22    p. 25

p. 27    p. 27    p. 29    p. 32    p. 36

## DC Power Connections

p. 41    p. 41    p. 42    p. 43

p. 44    p. 4    p. 45    p. 47

## Power Conversion

p. 50    p. 52    p. 53

p. 54    p. 54    p. 55

## Battery Management

p. 58

p. 59    p. 59    p. 59

# Wiper Systems

p. 65

p. 72

p. 73

p. 70

p. 67

p. 76

# Horns

p. 82

p. 82

p. 82

p. 84

p. 86

p. 83

p. 85

p. 87

# Lighting

p. 90

p. 91

p. 91

p. 93

p. 93

# Ventilation

p. 98

p. 99

p. 100

p. 101

p. 101

p. 102

# Index

# SHORE POWER

### Inlets

**10**

Marinco® power inlets are the industry standard. Offered in three styles, featuring robust construction and corrosion-resistant materials for long life in the harsh marine environment. All inlets have an IP56 rating.
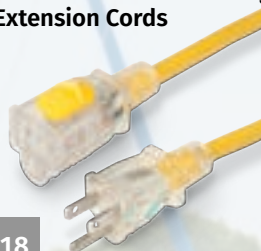
### Cordsets

**16**

All Marinco® cordsets are made of the highest quality, marine grade construction with features you won't find on other power cords.

### 15A Marine Grade Locking Extension Cords

**18**

15A extension cords contain a universal slide locking mechanism to prevent cable disconnection. Available in 25' and 50' lengths.

### Cordset Accessories

**19**

Marinco offers everything you need to manage your shore power equipment.

## Adapters

**20**

Marinco® Shore Power Adapters give you more power hook-up flexibility and resolve a variety of dock side power center / boat side inlet power incompatibility problems.

## Devices & Accessories

**27**

Everything you need to maintain and repair your shore power equipment.

## International Shore Power

**33**

Marinco offers inlets, connectors and cordsets for 16A, 32A and 63A Shore Power systems.

## 100 Amp Shore Power

**36**

Marinco 100A cordsets are for use with or without on-board isolation transformers, as male plug only power supply, and extension cord applications. Constructed with watertight and corrosion resistant plugs and connectors, and oil, water, and UV resistant cable, rated to 221°F (105°C).

Marinco® power inlets and cords have been the industry standard and are designed and built to withstand the rigors of the marine environment.

# Marinco® Dock Side to Boat Side Selection Guide

## DOCK SIDE

| | Marine Receptacles (pg 27–31) Corrosion resistant reinforced nylon construction. | Weatherproof Covers (pg 32) Yellow LEXAN® polycarbonate with lift lid, for use with Marinco® receptacles. | Male Plugs (pg 27–31) Superior strain-relief system. Dust seal keeps contaminants out of terminals. | Weatherproof Covers (pg 27–31) Heavy-duty vinyl construction, use with male plugs for superior seal. |
|---|---|---|---|---|
| **30A 125V** 2-Pole 3-Wire Locking | 305CRR | 7420CR | 305CRPN | 102N |
| **50A 125V** 2-Pole 3-Wire Locking | 6370CR | 7788CR | 6361CRN | 7717N |
| **50A 125/250V** 2-Pole 4-Wire Locking | 6369CR | 7788CR | 6365CRN | 7717N |
| **Cable TV/ Internet** | | TV97 | | |

## Marinco® Color Coding System

| 15A 125V | 20A 125V | 30A 125V | 50A 125V | 50A 125/250V | Cable TV Internet |
|---|---|---|---|---|---|

## BOAT SIDE

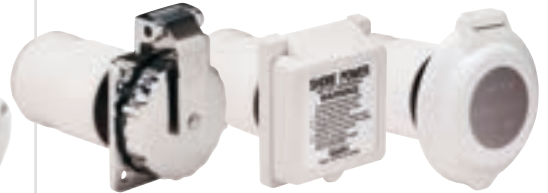| Shore Power Cord Sets | Weatherproof Covers | Female Connectors | Power Inlets |
|---|---|---|---|
| (pg 16–17) | (pg 27–31) | (pg 27–31) | (pg 11–13, 18) |
| Marine grade cable, watertight molded plug and connector, line-up ridge for easy blade alignment. | Heavy-duty vinyl construction, use with female connector for superior seal. | Ribbed nylon construction, color coded terminal pockets and screws. | Styled to complement any boat, Marinco® power inlets are simple to install and feature a protective rear safety enclosure that provides safe, reliable strain relief. IP56 rated (see inside back cover). |
| CS30-50 | 103ELN | 305CRCN | |
| CS503-50 | 7715CRN | 6360CRN | |
| CS504-50 | 7715CRN | 6364CRN | |
| TVHD | PH6629 | | |

LEXAN® is a registered trademark of Sabic Innovative Plastics IP B.V., Netherlands

# Inlets

Marinco® power inlets are the industry standard. Offered in three styles, they all feature robust construction and corrosion-resistant materials for long life in the harsh marine environment. Each has technical features that make them easy to install and a pleasure to use for the marine professional or the casual recreational boater.
All inlets have an IP56 rating (see inside back cover).

## Stainless Steel

Marinco stainless steel inlets are solid cast marine grade 316 stainless steel and include a heavy duty cap strap for strength and durability.

## Contoured

Marinco contoured inlets feature UV stabilized glass-filled polyester construction for long-lasting strength.

## Standard

Marinco standard inlets feature UV stabilized glass-filled polyester construction for long-lasting strength.

**Easy Lock™ Sealing Ring**
(sold separately)
**page 29**

❶ Easy Lock™—Marinco's exclusive Easy Lock System has been designed to connect the cordset (with an Easy Lock sealing ring installed) to the inlet and turn the locking ring less than a quarter turn. The tabs on the locking ring lock into the inlet for a positive watertight hook-up while eliminating any chance of cross threading. Easy Lock inlets have a threaded boss that will accept standard threaded cordsets as well.

❷ The covers on all Marinco inlets are designed to stay hinged open when the cover is lifted up. This allows the boater to connect their shore power cord while the cover remains open and out of the way. A soft touch unlocks it for closing.

❸ Blades are nickel plated brass for maximum corrosion resistance.

❹ Interior hardware is marine grade stainless steel.

❺ **IMPROVED** Extra large tab provides more area to simplify opening and closing.

❻ **Rear Enclosure**
  • Made of flame-resistant UL 94V0 plastic.
  • All rear enclosures are glass-filled polyester for strength.
  • Integral strain relief complies with ABYC requirements.
  • Multiple positions allow for maximum installation flexibility.

## 30A 125V — 30 Amp 125V Inlets

**IP56**
See inside back cover

NEMA L5-30P    30A 125V Locking

**Meets or Exceeds ABYC Standards**

CSA    UL LISTED MARINE

### Stainless Steel Power Inlet

• Cast 316 stainless steel

Part #   303SSEL-B
OEM #   303SSEL-B.OEM

### Contour Power Inlet

• Stainless steel trim

Part #   304EL-B
OEM #   304EL-B.OEM

### Contour Power Inlet

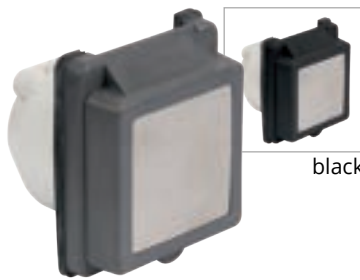• Without stainless steel trim

OEM #   304EL-B.NT    white
OEM #   199136    black

### Power Inlet

• Stainless steel trim

Part #   301EL-B    white
OEM #   301EL-B.OEM    white
Part #   301ELCB    replacement cap & bezel

### Power Inlet

• Stainless steel trim

black

Part #   301EL-B.GRAY    gray
Part #   301EL-B.BLACK    black

### Power Inlet

• ABYC shore power warning label on cap

Part #   301EL-B.W/L

### Power Inlet

• Stainless steel trim
• Hole in rear enclosure accommodates snap-in strain relief (not included)

Part #   301EL-B.FR

### Breaker Inlet

• Includes cap & bezel and breaker plate
• Breaker not included

Part #   3050BI

### Stainless Steel Power Outlet

• Female 30A 125V configuration
• NEMA configuration L5-30R

Part #   303SSO

**50A** **125V**

# 50 Amp 125V Inlets

**IP56**
See inside back cover

NEMA SS1-50P

W 50A 125V Locking
G

Meets or Exceeds
**ABYC** Standards

CSR

MARINE
UL LISTED

## Stainless Steel Power Inlet
• Cast 316 stainless steel

Part #    6371EL-B
OEM #    6371EL-B.OEM

## Stainless Steel Power Inlet
• Cast 316 stainless steel
• Without rear safety enclosure

Part #    6371EL

## Power Inlet
• Stainless steel trim
• Without rear safety enclosure

Part #    6351EL

## Power Inlet
• Without stainless steel trim
• ABYC shore power warning label on cap

Part #    6351EL-B

## TECH TIP

### 50A Devices Explained

There are two categories of 50A devices: 50A 125V (50A 3-wire) and 50A 125/250V (50A 4-wire). The 4-wire devices have two "hot" legs, each carrying 50A 125V. These two categories are not interchangeable. A 3-wire plug must never be altered to insert into a 4-wire connector or receptacle.

## 50A 125/250V — 50 Amp 125/250V Inlets

**IP56**
See inside back cover

NEMA SS2-50P

Y X
G W

50A 125/250V Locking

Meets or Exceeds **ABYC** Standards

CSA

MARINE UL LISTED

### Stainless Steel Power Inlet

• Cast 316 stainless steel

| | |
|---|---|
| Part # | 6373EL-B |
| OEM # | 6373EL-B.OEM |
| Part # | 6373EL-B.W/L  w/separate warning label |

### Stainless Steel Power Inlet

• Cast 316 stainless steel
• Without rear safety enclosure

| | |
|---|---|
| Part # | 6373EL |
| OEM # | 6373EL.OEM |

### Contour Power Inlet

• Without stainless steel trim

| | |
|---|---|
| Part # | 6344EL-B.NT |

### Power Inlet

• Stainless steel trim

| | |
|---|---|
| Part # | 6353EL-B |
| OEM # | 6353EL-B.OEM |
| Part # | 6353ELCB  replacement cap & bezel |

### Power Inlet

• Stainless steel trim
• Black

| | |
|---|---|
| OEM # | 6353EL-B.BLACK.OEM |

### Power Inlet

• Stainless steel trim
• Gray

| | |
|---|---|
| Part # | 6353EL-B.GRAY |

### Power Inlet

• Stainless steel trim
• Without rear safety enclosure

| | |
|---|---|
| Part # | 6353EL |

## ELCI Inlets

Marinco®'s solution to the ABYC E-11 requirement is based on our industry-standard marine inlets. We have taken the best available technology and built it into our inlets to provide boat builders and owners with the safest, best looking and most durable solution possible. All of our ELCI Inlets are ignition protected to comply with ABYC standards.

We provide two modules in addition to the standard inlet. One houses the ELCI Marine Sensing Module, the other the breaker. Unlike competing systems, our ELCI Marine sensing module has a 3/4" diameter coil that accepts up to three 6-gauge conductors. This sensing module, which also incorporates a test circuit, is compatible with 30A 125V, 50A 125V and 50A 125/250V systems. There is a different breaker for 30A and 50A systems.

## TECH TIP

### ELCI ABYC Standards

Electrical current leakage is a serious safety concern for any boat connected to shore power. Because of this ABYC requirements now include specific measures for avoiding this danger. ABYC E-11.11.1 states "An Equipment Leakage Circuit Interrupter (ELCI) shall be installed with or in addition to the main shore power disconnect circuit breaker(s) or at the additional overcurrent protection as required by E-11.10.2.8.3 whichever is closer to the shore power connection."

### Single Phase 120V AC 30A (Hot, Neutral, Ground)
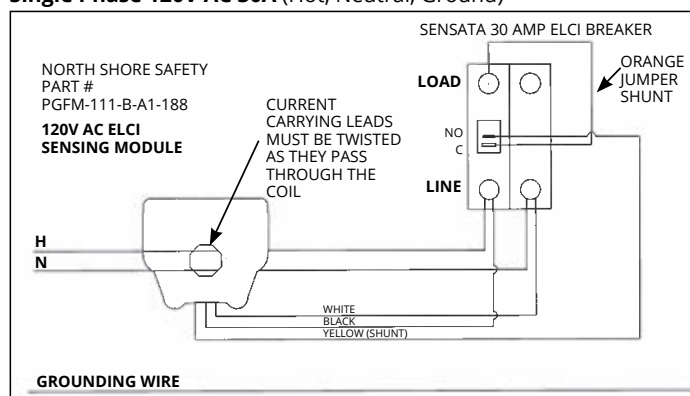


### Split Phase 120/240V AC 50A (Line 1, Line 2, Neutral, Ground)
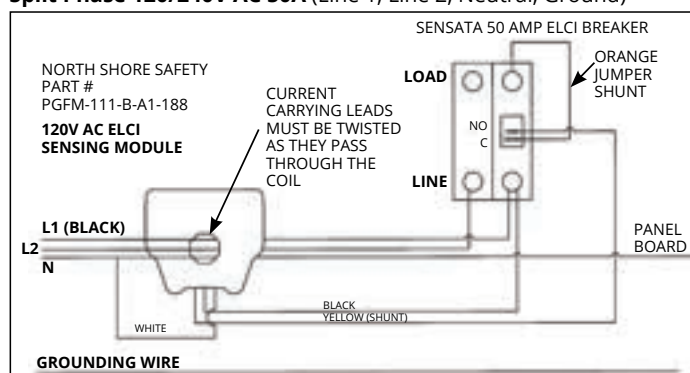




### Standard Sensing Breaker & Module Kits

• Module & breaker packaged together

| | | | |
|---|---|---|---|
| 30A | 120V AC Single Phase | OEM # | 301RCDKITIGN.OEM |
| 50A | 120/240V AC Split Phase | OEM # | 6353RCDKITIGN.OEM |



### Stainless Steel Housing for Sensing Modules

• Cast 316 stainless steel

OEM #   303SSRCDPL.OEM

### Stainless Steel Housing for 30A or 50A Sensing Breakers

• Cast 316 stainless steel

OEM #   303SSBKRPL.OEM



### Standard Housing for Sensing Modules

OEM #   301RCDPL.OEM

### Standard Housing for 30A or 50A Sensing Breakers

OEM #   301BKRPL.OEM

**Cable TV Internet**

# Cable TV / Internet

### Stainless Steel Phone & Cable TV Inlet

• Cast 316 stainless steel

**Part #** PH6592TV-SS
**OEM #** PH6592TV-SS.OEM

### Phone & Cable TV Inlet

• Stainless steel trim

**Part #** PH6574TV
**Part #** PH6574TV.W/L    w/ warning label

### Stainless Steel Cable TV / Internet Inlet

• Cast 316 stainless steel

**Part #** TV6592
**OEM #** TV6592.OEM

### Cable TV / Internet Inlet

**Part #** TV6574

### Contour Cable TV / Internet Inlet

**Part #** TV6444

# EEL Shore Power Cordsets

**One Hand. A Simple Twist. Full Power.**

The EEL (Easily Engaged Lock) Shore Power Cordset has a patented, industry first, jaw-clamp design providing one-handed operation and a secure waterproof seal which completely eliminates the need for a locking ring. The EEL connection is built for the harshest environments and is UL approved. This easy-to-use cordset features a built-in cord light which serves as an alert to boaters when the cord is left plugged in. And, best of all, it works with your current inlet. In addition to cordsets with the EEL System, Marinco® also has a full set of Pigtail and Y adapters all using the new EEL technology.

## Patented EEL Technology:

- Designed for use with standard inlets (NEMA)
- Single-handed operation
- No sealing ring required
- Patented jaw-clamp technology provides a watertight seal every time

## Features & Benefits:

- Built-in cord light for added safety – alert light indicates if you are plugged into the dock and cord is powered
- Power indicator light on both ends informs you full power is flowing through the cord
- Meets and exceeds rigorous UL testing standards
- 30A and 50A cordset models, 12', 25' and 50' lengths in white and yellow available
- EEL product line includes connectors, pigtail, straight and "Y" adapters

**5 YEAR WARRANTY**

| Length | Color | Part # |
|--------|-------|--------|
| **30A 125V Cordsets** | | |
| 12' | yellow | CS30-12 |
| 25' | yellow | CS30-25 |
| 50' | yellow | CS30-50 |
| 50' | white | CS30-50W |
| **50A 125V Cordsets** | | |
| 25' | yellow | CS503-25 |
| 50' | yellow | CS503-50 |
| **50A 125/250V Cordsets** | | |
| 25' | yellow | CS504-25 |
| 50' | yellow | CS504-50 |
| 50' | white | CS504-50W |

NEMA L5-30R
30A 125V Locking

NEMA SS1-50R
50A 125V Locking

NEMA SS2-50R
50A 125/250V Locking

| Amp | Volts | Plug | Connector |
|-----|-------|------|-----------|
| 30A | 125V AC | L5-30P | L5-30R |
| 50A | 125V AC | SS1-50P | SS1-50R |
| 50A | 125/250V AC | SS2-50P | SS2-50R |

CS30-50

CS504-50W

## TECH TIP

### Blade Function Letter Codes

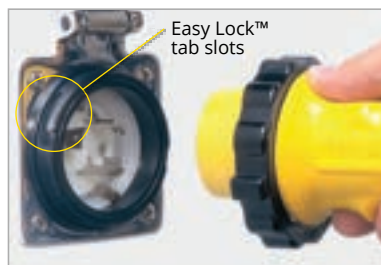| | | | |
|---|---|---|---|
| **G** | Ground | **X** | Phase 1 Hot |
| **W** | Neutral | **Y** | Phase 2 Hot |

# Power Cord Plus® Cordsets

All Marinco® cordsets are made of the highest quality, marine grade construction with features you won't find on other power cords.

❶ Watertight molded plug and connector for safety and durability

❷ Heavy-duty, super flexible marine grade cable (30A 10-gauge, 50A 6-gauge)

❸ All models include a standard threaded ring for hook-up to ordinary threaded inlets

❹ Corrosion resistant, nickel plated contacts

❺ Power Indicator Light: Boat side connector features a molded-in LED light. When it glows red, you know you have power to the boat.

❻ Contour Grip with Thumbprint Locator: Both plug and connector ends are molded to fit the contour of your hand. When the thumbprint is in the 12 o'clock position, the blades line up for easy connection.

❼ Marinco's Easy Lock™ system: Quickly locks the cord set to the inlet in just 1/8 of a turn. The exclusive locking tabs engage slots built into all Marinco inlets (sold separately).

## Easy Lock™ system

Easy Lock™ tab slots

Exclusive locking tabs

UV RESISTANT    MORE FLEXIBLE    LIGHTER    5 YEAR WARRANTY    CSA    UL LISTED MARINE

**199119**

**199117G**

NEMA L5-30R
30A 125V Locking

NEMA SS1-50R
50A 125V Locking

NEMA SS2-50R
50A 125/250V Locking

| Length | Color | Pkg | Part # | OEM # |
|---|---|---|---|---|
| **30A Power Cord Plus® Cordsets** | | | | |
| 12' | yellow | sleeve pack | **199116** | — |
| 25' | yellow | sleeve pack | **199117** | — |
| 25' | white | sleeve pack | **25SPPW** | — |
| 25' | gray | sleeve pack | **199117G** | — |
| 35' | yellow | sleeve pack | **35SPP** | — |
| 50' | yellow | sleeve pack | **199119** | **50SPP.OEM** |
| 50' | white | sleeve pack | **199120** | **50SPPW.OEM** |
| 50' | gray | sleeve pack | **199119G** | — |
| 75' | yellow | box | — | **75SPP.OEM** |
| **50A 125V Power Cord Plus® Cordsets (3-Wire)** | | | | |
| 25' | yellow | box | **6153SPP-25** | — |
| 50' | yellow | box | **6153SPP** | — |
| 50' | white | box | **6153SPPW** | — |
| 75' | yellow | box | **6153SPP-75** | — |
| **50A 125/250V PowerCord Plus® Cordsets (4-Wire)** | | | | |
| 12' | yellow | box | **6152SPP-12SC** | — |
| 25' | yellow | box | **6152SPP-25** | — |
| 25' | white | box | **6152SPPW-25** | — |
| 25' | gray | box | **6152SPPG-25** | — |
| 50' | yellow | box | **6152SPP** | — |
| 50' | white | box | **6152SPPW** | — |
| 50' | gray | box | **6152SPPG** | — |
| 75' | yellow | box | **6152SPP-75** | — |
| **50A Plug End Only Cordsets** | | | | |
| 55' | white | box | **6152SPPW-55.P/O** | — |
| 75' | white | box | **6152SPPW-75.P/O** | — |
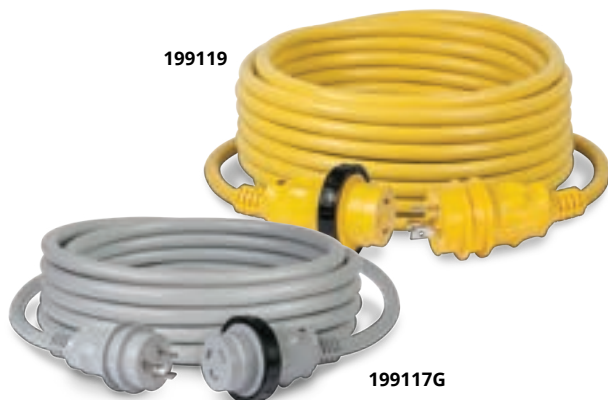
## 15A Marine Grade Extension Cords

• Marine grade SJTOW cable
• Clear ends with lighted female end for visual power indication on 14/3 models
• Female end contains slide button lock for protection against cable disconnection*
• Slide button lock compatible with all other manufacturers' products*
• ETL certified to UL standards

| Cable | Length | Description | Part # |
|-------|--------|-------------|--------|
| 14/3 | 25' | Locking and Lighted | **150025** |
| | 50' | Locking and Lighted | **150050** |
| | 25' | Lighted | **150025NL** |
| | 50' | Lighted | **150050NL** |
| 12/3 | 25' | Heavy-duty | **151225** |
| | 50' | Heavy-duty | **151250** |

*150025 and 150050 models only

**LEARN MORE**
**Extension Cords**
**Video**

Visit Marinco on
YouTube.com

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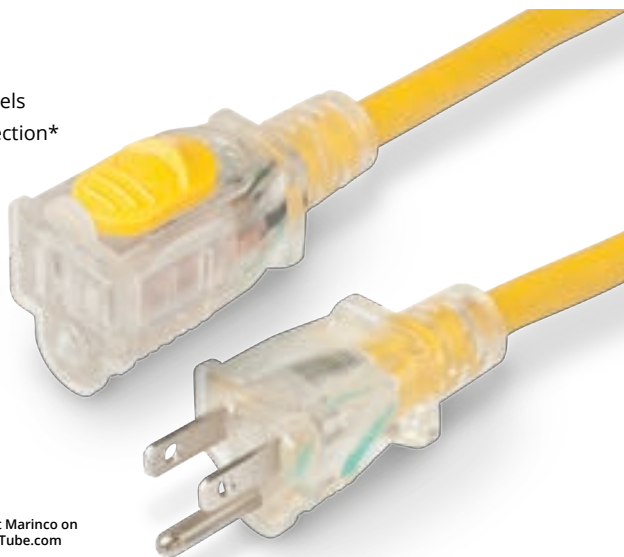
**Cable TV Internet**

## Cable TV/Internet

### HDTV / Internet Cable

• 50' yellow cable
• 75 ohm, 3G Hz RG6 Quad Shield cable with gasket sealed
• Weatherproof F-type connections on both ends

**Part #    TVHD**

### Combo TV/Phone Cordset

• Both cables are jacketed together
• Telephone and TV connections are molded on each end
• Features 18" of spliced cable at dock side for connections which are in separate power centers

**Part #    PHTV6599    50'**

### Telephone Cordset

• 3 conductor 16 AWG SJTO vinyl cord provides portable telephone connection for RV's and pleasure boats

**Part #    PH6599    50'**
.

### TV Cable Cordset

• Standard 75 ohm, RG59-U with quick, slip-on connections and heavy duty boots included on both ends

**Part #    TV99-25    25' yellow**
**Part #    TV99W    50' white**

### Cable TV Outlet

• Spring-loaded lift cover
• Weatherproof closure
• Fits FS & FD boxes

**OEM #    TV97.OEM**

### Telephone & Cable TV Outlet

• Spring-loaded lift cover
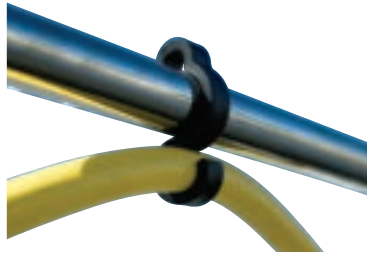• Fits FS & FD boxes

**OEM #    PH6597TV**

# Cordset Accessories



## Cord Clips

• Includes six cord clips with stainless steel mounting screws
• Keeps shore power cable out of the water
• Holds 10-gauge 30A cable
• Easy to install
• Use on deck or edge of dock
• Organize shore power cable

**Part #**    CLIP



## Railmount Cord Clips

• For 30A cords
• Organize shore power cords quickly and easily
• Can be used on tube or wire rails
• Packaged as set of 6 clips
• UV stable
• Practically unbreakable

**Part #**    CLIP-01        black



## Organizer Bag

• Heavy-duty nylon zippered bag with handle
• Ideal for storing cordsets and adapters
• Dimensions 20" x 15" x 8"

**Part #**    BAG

## Cord Cover

• Keep shore power cables neat and bundled
• Holds 50A or 30A cordsets, can hold multiple cables
• UV resistant, machine washable marine grade fabric
• 24'

**Part #**    CCVR-24        black



## Carrying Strap

Bundle and organize your shore power cables or hoses with this durable and flexible nylon carrying strap. Its adjustable design fits around cordsets or hoses up to 9" in diameter while, the ergonomic, rubber handle makes carrying even larger 50A cord sets easy on your hand. A metal, reinforced grommet allows for hanging and storage.

**Part #**    STRAP

## Adapters

The Marinco® Shore Power Adapters give you more power hook-up flexibility and resolve a variety of dock side power center / boat side inlet power incompatibility problems.

---

## TECH TIP

### Choosing the Correct Adapter
**Step 1: Boat Side – Identify Your Boat's Inlet Electrical System**

The voltage and amperage should be printed on the outside cover of your existing boat inlet(s)

The voltage and amperage should be printed inside the boat Inlet(s) next to the blades

**30A 125V**

Check the blade orientation of the various inlets pictured and compare to your boat inlet(s)

**50A 125V**

**50A 125/250V**

**Pay special attention to the differences in the 50A 125V and the 50A 125/250V. The blades look similar, but they are different The plugs and receptacles for these systems are NOT interchangeable!!**

*Notice the additional grounding blade on the 50A 125/250V inlets.*

**IMPORTANT 50 AMP INFORMATION: If you are connecting to 50A dock side power service, it is CRITICAL to know the dock side receptacle's voltage rating (50A 125V or 50A 125/250V). An adapter designed for 50A 125V will not plug into a dock side receptacle rated for 50A 125/250V service, and vice versa.**

**Step 2: Identify the Dock Side Power Source**

NEMA L5-20R 20A 125V Locking

NEMA L5-30R 30A 125V Locking

NEMA L5-15R 15A 125V Straight Blade

NEMA SS1-50R 50A 125V Locking

NEMA SS2-50R 50A 125/250V Locking

**Step 3: Choose a Marinco Adapter From page 21–26**
Match your boat side inlet(s) to the appropriate dock side receptacle or other power source. Adapter ends are color coded for easier selection.

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## Types of Adapters

**Straight Adapters** are high-quality, one-piece adapters similar in usage to Pigtail Adapters. However, they do not have sealing collars and are not recommended for use in wet locations. Use only in an enclosed, dry location, such as powering your boat from a 15A power receptacle inside your house.
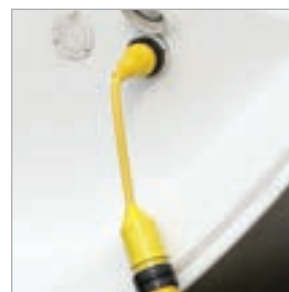
**Pigtail Adapters\*** allow you to connect from one dock side receptacle (or other power source receptacle) to one boat side inlet or equipment of dissimilar power configuration. These adapters are fully molded and equipped with Marinco's unique sealing collar (where indicated) and covers for use in wet locations.

**"Y" Adapters\*** let you split one dock side receptacle between two boat inlets of similar or dissimilar power configurations. "Y" adapters are fully molded and equipped with Marinco's unique sealing collar and covers (where indicated) for use in wet locations.

**The Reverse "Y" Adapter** (Part # RY504-2-30) The reverse "Y" provides 50A 125/250V power when only two 30A 125V receptacles are available.

\*Available with standard locking rings or with the new EEL quick locking system

# Straight Adapters

Not recommended for use in wet locations.
Includes power LED.

| | DOCK SIDE | BOAT SIDE |
|---|---|---|
| | **MALE PLUG**<br>Attaches to dock side<br>receptacle or cordset | **FEMALE CONNECTOR**<br>Attaches to boat inlet<br>or cordset |

| Part # | | DOCK SIDE | BOAT SIDE |
|---|---|---|---|
| **S20-15**<br>Replaces the 80A. |  | 20A 125V<br>Locking | 15 or 20A 125V<br>Straight Blade |
| **S30-15**<br>Replaces the 81A. |  | 30A 125V<br>Locking | 15 or 20A 125V<br>Straight Blade |
| **S15-30**<br>Replaces the 83A. |  | 15A 125V<br>Straight Blade | 30A 125V<br>Locking |
| **S20-30**<br>Replaces the 84A. |  | 20A 125V<br>Locking | 30A 125V<br>Locking |
| **S15-504** |  | 15A 125V<br>Straight Blade | 50A 125/250V<br>Locking<br>w/ Sealing<br>3Collar System |

# EEL Pigtail Adapters

These adapters are equipped with sealing collars and are for use in wet locations.

*EEL BY MARINCO SHOREPOWER*

| | DOCK SIDE | BOAT SIDE |
|---|---|---|

**Part #**

**P15-30**
**P15-30-25**  25'
**P15-30-25W**  25', white

| Part | DOCK SIDE — MALE PLUG (Attaches to dockside receptacle or cordset) | BOAT SIDE — FEMALE CONNECTOR (Attaches to boat inlet or cordset) |
|---|---|---|
| P15-30 / P15-30-25 / P15-30-25W | 15A 125V Straight-Blade w/ Locking Screw | 30A 125V Locking w/ Sealing Collar System |
| P30-15 | 30A 125V Locking | 15A 125V Straight Blade |
| P30-503 | 30A 125V Locking | 50A 125V Locking w/ Sealing Collar System |
| P30-504 | 30A 125V Locking | 50A 125/250V Locking w/ Sealing Collar System |
| P503-30 | 50A 125V Locking | 30A 125V Locking w/ Sealing Collar System |
| P504-30 | 50A 125/250V Locking | 30A 125V Locking w/ Sealing Collar System |
| P504-503 | 50A 125/250V Locking | 50A 125V Locking w/ Sealing Collar System |

**Related Products**

**Sealing Rings**
**page 27–29**

# Pigtail Adapters

These adapters are equipped with covers and sealing collars (where indicated), and are for use in wet locations.

| Part # | Adapter | DOCK SIDE — MALE PLUG<br>Attaches to dockside receptacle or cordset | BOAT SIDE — FEMALE CONNECTOR<br>Attaches to boat inlet or cordset |
|---|---|---|---|
| 104SPP (CSA)<br>104SPPG gray<br>104SPP.OEM<br>104SPP-25.OEM 25'<br>104SPP-50.OEM 50' | LED Power-on indicator and thumbgrip locator | 15A 125V Straight-Blade w/ Locking Screw | 30A 125V Locking w/ Sealing Collar System |
| 115A (CSA) | LED Power-on indicator and thumbgrip locator | 15A 125V Straight-Blade w/ Locking Screw | 50A 125V Locking w/ Sealing Collar System |
| 150SPP (CSA) | LED Power-on indicator and thumbgrip locator | 15A 125V Straight-Blade w/ Locking Screw | 50A 125/250V Locking w/ Sealing Collar System |
| 106A (CSA) | | 20A 125V Locking | 30A 125V Locking w/ Sealing Collar System |
| 105SPP<br>105SPPG gray | LED Power-on indicator and thumbgrip locator | 30A 125V Locking | 15A 125V Straight Blade |
| 111A (CSA) | LED Power-on indicator and thumbgrip locator | 30A 125V Locking | 50A 125V Locking w/ Sealing Collar System |
| 117A (CSA) | LED Power-on indicator and thumbgrip locator | 30A 125V Locking | 50A 125/250V Locking w/ Sealing Collar System |
| 110A | | 50A 125V Locking | 30A 125V Locking w/ Sealing Collar System |
| 118A (CSA) | LED Power-on indicator and thumbgrip locator | 50A 125V Locking | 50A 125/250V Locking w/ Sealing Collar System |
| 121A | | 50A 125/250V Locking | 30A 125V Locking w/ Sealing Collar System |
| 123A (CSA) | LED Power-on indicator and thumbgrip locator | 50A 125/250V Locking | 50A 125V Locking w/ Sealing Collar System |

# EEL "Y" Adapters

These adapters are equipped with sealing collars and are for use in wet locations.
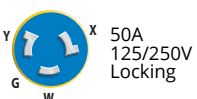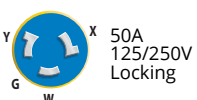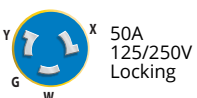
| | DOCK SIDE | BOAT SIDE |
|---|---|---|
| **Part #** | **MALE PLUG** Attaches to dock side receptacle or cordset | **FEMALE CONNECTOR** Attaches to boat inlet or cordset |
| **Y30-2-30** | 30A 125V Locking | (2) 30A 125V Locking w/ Sealing Collar System |
| **Y503-2-30** | 50A 125V Locking | (2) 30A 125V Locking w/ Sealing Collar System |
| **Y504-2-30** | 50A 125/250V Locking | (2) 30A 125V Locking w/ Sealing Collar System |
| **Y504-2-503** | 50A 125/250V Locking | (2) 50A 125V Locking w/ Sealing Collar System |
| **Y504-2-504** | 50A 125/250V Locking | (2) 50A 125/250V Locking w/ Sealing Collar System |

# "Y" Adapters

These adapters are equipped with covers and sealing collars (where indicated), and are for use in wet locations.

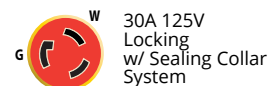| | DOCK SIDE | BOAT SIDE |
|---|---|---|
| **Part #** | **MALE PLUG** Attaches to dock side receptacle or cordset | **FEMALE CONNECTOR** Attaches to boat inlet or cordset |
| **157AY** | 30A 125V Locking | (2) 30A 125V Locking w/ Sealing Collar System |
| **152AY** | 50A 125V Locking | (2) 30A 125V Locking w/ Sealing Collar System |
| **162AY** | 50A 125V Locking | (2) 50A 125V Locking w/ Sealing Collar System |
| **153AY** | 50A 125/250V Locking | (2) 30A 125V Locking w/ Sealing Collar System |
| **154AY** | 50A 125/250V Locking | (2) 50A 125V Locking w/ Sealing Collar System |
| **165AY** | 50A 125/250V Locking | (2) 50A 125/250V Locking w/ Sealing Collar System |
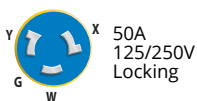
# Reverse "Y" Adapter

The Reverse "Y" Adapter has two (2) male plugs with special power isolation circuitry for added safety. When one (1) plug is connected to a receptacle, the circuitry isolates the second plug. The reverse "Y" provides 50A 125/250V power when only two (2) 30A 125V receptacles are available.

Note: Reverse "Y" will NOT work with 50A, 125V, 3-wire inlets. Power is provided in both circuits to the 4-wire inlet, but the dock side receptacles limit the current in each circuit to 30A. The two (2) 30A 125V receptacles must be supplied from a single power source providing 208V to 250V between them for proper operation.

### DOCK SIDE
**MALE PLUG**
Attaches to dock side receptacle or cordset

(2) 30A 125V Locking

### BOAT SIDE
**FEMALE CONNECTOR**
Attaches to boat inlet or cordset

50A 125/250V w/ Sealing Collar System

**Part #**
**RY504-2-30**



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# Marine Surge & Safety Pigtails

**Detect faulty pedestal wiring conditions before they damage your equipment.**

Faulty and unsafe shorepower can damage your sensitive electronics. These new pigtail adapters not only detect defective wiring at the pedestal, but also protect against electrical surges. Integrated LEDs provide visual indication of several unsafe conditions such as open ground, open neutral, and reverse polarity. Built-in surge protection with indicator that alerts that the adapter has been compromised.

- Ergonomic 90 degree (right angle) dockside plug
- Boat side connectors feature locking sealing collar system
- Bright 3-color LED electrical status indicators
- Surge failure indicator
- Surge protection ratings:
  30A: 825 joules
  50A: 1650 joules

### DOCK SIDE
**MALE PLUG**
Attaches to dock side receptacle or cordset

30A 125V Locking

50A 125/250V Locking

### BOAT SIDE
**FEMALE CONNECTOR**
Attaches to boat inlet or cordset

30A 125V Locking w/ Sealing Collar System

50A 125/250V Locking w/ Sealing Collar System

**Part #**
**1RPCSP**
(30A)

**1RPC50SP**
(50A)



### Related Products
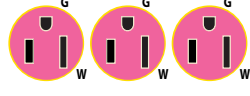


**Cordsets**
**page 17**

## Right Angle Adapters

| | DOCK SIDE | BOAT SIDE |
|---|---|---|
| | **MALE PLUG** Attaches to dock side receptacle or cordset | **FEMALE CONNECTOR** Attaches to boat inlet or cordset |

| Part # | | |
|---|---|---|
| **1RPC** (30A) | 30A 125V Locking | 30A 125V Locking w/ Sealing Collar System |
| **1RPC50** (50A) | 50A 125/250V Locking | 50A 125/250V Locking w/ Sealing Collar System |

## Dock Side 30A to 15A Adapter with GFCI

| | DOCK SIDE | BOAT SIDE |
|---|---|---|
| | **MALE PLUG** Attaches to dock side receptacle or cordset | **FEMALE CONNECTOR** Attaches to boat inlet or cordset |
| **Part # 199128** | 30A 125V Locking | (3) 15A 125V Straight Blade |

- Provides safer hook-up to 30A dock side power
- Provides protection against harmful electric shock
- Reduces the possibility of fire
- Offers protection for up to three (3) attached tools
- Corrosion resistant and rain-proof rated for outdoor use
- GFI trip level of 4–6 mA
- Can also be used for other outdoor, harsh environments such as construction sites or wherever ground fault protection is desired

Note: A Ground Fault Circuit Interrupter (GFCI) limits the duration of an electrical shock to a period considered safe for healthy people. It does not prevent electric shock. This device does not protect against electric shock due to contact with both circuit conductors or a fault in any wiring supplying this device.

## TECH TIP

### GFCI Protection

According to ABYC standard E-11.11. A Ground Fault Circuit Interupter (GFCI) may be used on single phase AC circuits to provide additional protection for personnel and equipment.

**30A**
**125V**

# 30A 125V Devices & Accessories



### Male Plug

Part #    305CRPN
OEM #    305CRPN.OEM



### Female Connector

Part #    305CRCN
OEM #    305CRCN.OEM



### Male Plug & Cover

• Weather resistant cover

Part #    305CRPN.VPK



### Female Connector w/ Cover

• Weather resistant cover

Part #    305CRCN.VPK



### Locking Receptacle

• Corrosion resistant
• Reinforced nylon construction
• Yellow

Part #    305CRR



### Locking Receptacle

• Corrosion resistant
• Reinforced nylon construction
• Black

Part #    305CRRB
OEM #    305CRRB.OEM



### Weatherproof Cover w/ Threaded Sealing Ring

• Use with 305CRCN or 205CRCN

Part #    103RN
OEM #    103RN.OEM



### Weatherproof Cover w/ Easy Lock™ Sealing Ring

• Use with 305CRCN or 205CRCN

Part #    103ELN
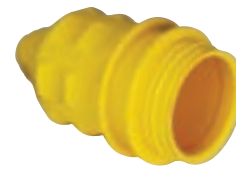


### Weatherproof Cover

• Use with 305CRPN or 205CRPN

Part #    102N



### Easy Lock™ Sealing Ring

• Use with 30A Marinco® Inlets

Part #    100EL



### Threaded Sealing Ring

• Use with 30A systems

Part #    100R



### Sealing Collar w/ Threaded Ring

• Provides maximum moisture protection between cordset & adapter
• Use with 20A & 30A locking systems

Part #    110R

**50A**
**125V**

## 50A 125V Devices & Accessories



**Male Plug**
• 2-pole, 3-wire

Part #　**6361CRN**



**Female Connector**
• 2-pole, 3-wire

Part #　**6360CRN**
OEM #　**6360CRN.OEM**



**Wire Dock Side Receptacle**
• 2-pole, 3-wire

Part #　**6370CR**

**50A**
**125/250V**

## 50A 125/250V Devices & Accessories



**Male Plug**
• 3-pole, 4-wire

Part #　**6365CRN**
OEM #　**6365CRN.OEM**



**Female Connector**
• 3-pole, 4-wire

Part #　**6364CRN**
OEM #　**6364CRN.OEM**



**Wire Dock Side Receptacle**
• 3-pole, 4-wire

Part #　**6369CR**
OEM #　**6369CR.OEM**

## 50A Accessories

### Weatherproof Cover w/ Threaded Sealing Ring

- Use with 6360CRN or 6364CRN

Part #    **7715CRN**
OEM #    **7715CRN.OEM**

### Weatherproof Cover w/ Easy Lock™ Sealing Ring

- Use with 6360CRN or 6364CRN

Part #    **7715ELN**
OEM #    **7715ELN.OEM**

### Weatherproof Cover

- Use with 6361CRN or 6365CRN
- Can be used on both male & female ends

Part #    **7717N**         yellow
OEM #    **7717N.OEM**     yellow
Part #    **102182**        white

### Easy Lock™ Sealing Ring

- Use with 50A Marinco® Inlets

Part #    **500EL**

### Threaded Locking Sealing Ring

- Use with 50A systems

Part #    **500R**

### Sealing Collar w/ Threaded Ring

- Provides maximum moisture protection between cordset & adapter
- Use with 50A only systems

Part #    **510R**

### Universal Watertight Connector Cap

- For use on 16A or 32A products for CE compliance
- For use on 30A or 50A products to protect the connector when not in use

Part #    **199111PK**    16A/30A/32A/50A/63A

### Watertight Connector Cap

- For use on 16A or 32A products for CE compliance
- For use on 30A or 50A products to protect the connector when not in use

Part #    **199109PK**    16A/30A
Part #    **199110PK**    32A/50A

## 15A 125V

# 15A125V Devices & Accessories



### Male Plug
• Straight blade

**Part #**   **5266CR**



### Female Connector
• Straight blade

**Part #**   **5269CR**



### Male Plug
• Locking type

**Part #**   **4721CR**



### Female Connector
• Locking type

**Part #**   **4731CR**



### Duplex Locking Receptacle
• Yellow

**Part #**   **4700CR**



### Duplex Straight Receptacle

| Part # | 5262CRR | yellow |
|--------|---------|--------|
| Part # | 5262CRR.GRY | gray |

### Ground Fault Circuit Interrupter (GFCI)

**CAUTION: Ground Fault Circuit Interrupter protection is required when using electrical products outdoors or near water. GFCI Protection is required by the ABYC where a receptacle is in a head, galley, machinery space or weather deck.**

| Part # | 1591-FI | ivory |
|--------|---------|-------|
| Part # | 1591-FI.WHITE | white |
| OEM # | 1591-FI.GRY.OEM | gray |

**20A 125V** **20A 125V Devices & Accessories**

### Male Plug
• Straight blade

**Part #** **5366CR**

### Female Connector
• Straight blade

**Part #** **5369CR**
**OEM #** **5369CR.OEM**

### Male Plug
• Locking type
• Uses weatherproof cover 102N

**Part #** **205CRPN**

### Female Connector
• Locking type
• Uses weatherproof cover 103RN

**Part #** **205CRCN**

### Locking Receptacle

**Part #** **205CRR**

## 15 & 20 Amp Accessories

### Weatherproof Cover
• Use with 5366CR or 5266CR plugs

**Part #** **6017**

### Weatherproof Cover
• Use with 5369CR or 5269CR connectors

**Part #** **6018**

### Weatherproof Cover
• Can be used on 15A & 20A

**OEM #** **1520BI.OEM**

# Boxes / Covers / Replacement Parts



### FS Box
- Black non-metallic, with two 3/4" K.O. holes
- Accepts 15A, 20A & 30A receptacles, and 7420CR weatherproof covers

**Part #**    **6080**



### FD Box with 3/4" or 1" K.O. Holes
- Yellow fiberglass, with two K.O. holes
- Accepts 15A, 20A, 30A & 50A receptacles, and 7420CR & 7788CR covers

**Part #**    **6083CR**    3/4" holes
**Part #**    **6084CR**    1" holes



### Weatherproof Cover
- Yellow LEXAN® polycarbonate with lift lid
- Fits 15A, 20A, & 30A single receptacles

**Part #**    **7420CR**
**OEM #**    **7420CR.OEM**



### Weatherproof Cover
- Yellow LEXAN® polycarbonate with lift lid
- Fits 50A receptacles 6369CR & 6370CR

**Part #**    **7788CR**



### Plastic Switch/ Outlet Box
- 3-9/32" x 2-3/16" x 2-1/2" D
- Can be secured against the back of wall or wall facing
- Accepts 15A, 20A & 30A receptacles, telephone outlets and TV coax connectors

**Part #**    **6079**



### 302 Stainless Steel Sealed Cover with Lift Lid
- Fits 4700CR, 5262CRR, & 5739CR duplex receptacles

**Part #**    **7879CR**



### 302 Stainless Steel Sealed Cover with Lift Lid
- Fits GFCI duplex receptacles

**Part #**    **7879CR-FI**
**OEM #**    **7879CR-FI.OEM**



### Replacement Interior
- Fits 50A 125/250V Easy Lock 4-wire stainless steel or standard inlets manufactured after 8-1-93

**Part #**    **6373ELMB**



### Replacement Interior
- Fits 303SSEL-B, 303SSI-B & 301EL-B boat inlets

**Part #**    **305CRMB**



### Replacement Interior
- Fits 30A standard non-metallic inlets manufactured prior to 1/1/91

**Part #**    **301CRMB**



### Replacement Boss Ring
- For use on 30A or 50A stainless steel inlets

**Part #**    **102167**    30A
**Part #**    **102164**    50A



### Warning Labels
- For use on standard inlets
- For warning label placement use per ABYC standard 11.6.2.2.3

**Part #**    **101739**

LEXAN® is a registered trademark of Sabic Innovative Plastics IP B.V., Netherlands

## International Shore Power
## 16A 230V, 50Hz Locking
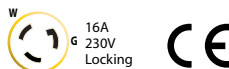
16A 230V Locking

CE

### Stainless Steel Inlet
- 316 stainless steel
- Easy Lock™ system
- Soft touch cap design
- Rear safety enclosure with strain relief
- IP56 rated (see inside back cover)

Part #  303SSEL-BXPK
OEM #  303SSEL-BX

### Standard Inlet
- Easy Lock™ system
- Glass-filled polyester
- Watertight
- Rear safety enclosure with strain relief
- IP56 rated (see inside back cover)

Part #  301EL-BXPK
OEM #  301EL-BX

### Contour Inlet
- Easy Lock™ system
- Glass-filled polyester
- Watertight
- Rear safety enclosure with strain relief
- IP56 rated (see inside back cover)

OEM #  304EL-BX.NT
OEM #  304EL-BX         stainless steel trim

### Female Connector
- Corrosion resistant contacts and terminals
- Use with cover 103RNX and cap 199109

Part #  305CRCXNPK
OEM #  305CRCXN

### Weatherproof Cover w/ Threaded Ring
- Use with 305CRCXN

Part #  103RNXPK
OEM #  103RNX

### Connector Kit
- Includes female connector, weatherproof cover with threaded ring and watertight cap

Part #  199114

### Locking Shore Power Cordset
- H07BQ-F 3G 2.50 mm$^2$ harmonized cable
- IEC 60309 plug 2P+E [6H], 250V/50Hz
- Watertight connector sealing cap for CE compliance
- NEMA L5-30 moulded connector with LED power indicator light

| Part # | | |
|---|---|---|
| Part # | 25MSPPXP | 25 meters |
| Part # | 20MSPPXP | 20 meters |
| Part # | 15MSPPXP | 15 meters |
| Part # | 10MSPPXP | 10 meters |
| Part # | 1MSPPXP | 1 meters |

### Harmonized Cable Cordset
- Blunt cut
- H07BQ-F 3G 2.50 mm$^2$ harmonized cable
- Watertight connector sealing cap for CE compliance
- NEMA L5-30 moulded connector with LED power indicator light

| Part # | 20MSPPX | 20 meters |
|---|---|---|
| Part # | 15MSPPX | 15 meters |

### 12/3 Cable Cordset
- Blunt cut
- 12/3 (3.3 mm$^2$) cable 16A/220V 50Hz
- Watertight connector sealing cap for CE compliance
- NEMA L5-30 moulded connector with LED power indicator light

| Part # | 50SPPX | 50' |
|---|---|---|
| Part # | 25SPPX | 25' |

## International Shore Power
## 32A 230V, 50Hz Locking

32A
230V
Locking

CE

### Stainless Steel Inlet
- 316 stainless steel
- Easy Lock™ system
- Soft Touch cap design
- Rear safety enclosure with strain relief
- IP56 rated (see inside back cover)

**Part #** **6371EL-BX**
**OEM #** **6371ELX** no enclosure

### Standard Inlet
- Easy Lock™ system
- Glass-filled polyester
- Watertight
- Rear safety enclosure with strain relief
- IP56 rated (see inside back cover)

**OEM #** **6351EL-BX**

### Contour Inlet
- Easy Lock™ system
- Glass-filled polyester
- Watertight
- Rear safety enclosure with strain relief
- IP56 rated (see inside back cover)

**OEM #** **6343EL-BX**

### Female Connector
- Corrosion resistant contacts and terminals
- Use with cover 7715CRN and sealing cap 199110

**Part #** **6360CRNXPK**
**OEM #** **6360CRNX**

### Weatherproof Cover w/ Threaded Ring
- Use with 6360CRNX, 6401CRCX, 6401CRPX, 6402CRCX, or 6402CRPX

**Part #** **7715CRNXPK**
**OEM #** **7715CRNX**

### Connector Kit
- Includes female connector, weatherproof cover with treaded ring and watertight cap

**Part #** **199115**

### Locking Shore Power Cordset
- H07BQ-F 3G 4 mm$^2$ harmonized cable
- IEC 60309 plug 2P+E [6H], 250V/50Hz
- Watertight connector sealing cap for CE compliance
- NEMA SS-1 moulded connector with LED power indicator light

**Part #** **15M32AXP** 15 meters
**Part #** **1M32AXP** 1 meter

### Harmonized Cable Cordset
- Blunt cut
- H07BQ-F 3G 4 mm$^2$ harmonized cable
- Watertight connector sealing cap for CE compliance
- NEMA SS-1 moulded connector with LED power indicator light

**Part #** **15M32AX** 15 meters

### 8/3 Cable Cordset
- Male end blunt cut
- 8/3 (8.6 mm$^2$) cable
- Moulded connector with LED power indicator light

**Part #** **6153SPPX** 50'

## International Shore Power
# 63A 230V, 50Hz Locking Single Phase, 3-Wire
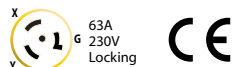
63A 230V Locking  CE

### Stainless Steel Inlet
- 316 stainless steel
- Easy Lock™ System
- Soft touch cap design
- Rear safety enclosure with strain relief
- IP56 rated (see inside back cover)

**Part #    6401EL-BX**

### Female Connector
- Corrosion resistant contacts and terminals

**Part #    6401CRCX**

### Male Connector
- Corrosion resistant contacts and terminals

**Part #    6401CRPX**

# 63A 230V, 50Hz Locking Three Phase, 4 Wire

63A 230V Locking  CE

### Stainless Steel Inlet
- 316 Stainless steel
- Easy Lock™ system
- Soft touch cap design
- Rear safety enclosure with strain relief
- IP56 rated (see inside back cover)

**Part #    6402EL-BX**

### Female Connector
- Corrosion resistant contacts and terminals

**Part #    6402CRCX**

### Male Connector
- Corrosion resistant contacts and terminals

**Part #    6402CRPX**

### Weatherproof Cover w/ Threaded Ring
- Use with 6360CRNX, 6401CRCX, 6401CRPX, 6402CRCX, or 6402CRPX

**Part #    7715CRNXPK**
**OEM #    7715CRNX**

# 100A 125/250V
# 3-Pole 4-Wire

## Cordsets

All Marinco® cordsets are made of the highest quality, marine grade construction with features you won't find on other power cords.

- For use with 100A 125V/250V shore power systems
- High visibility, 2 AWG, flexible yellow STOW cable is oil, water, UV resistant, and rated to 221°F (105°C)
- Ergonomic non-slip TPE coated gripping surfaces
- IEC pin & sleeve plugs and connectors are designed for harsh environments, watertight, and corrosion resistant. Feature integrated locking rings.
- Internal frame terminals provide high clamping force for safe and secure contact
- Options for use with on-board isolation transformers, male plug only power supply, and extension purposes
- UL and  ABYC approved components

| Length | Neutral Wire | Female End | Application | Color | Part # |
|--------|--------------|------------|-------------|-------|--------|
| 75' | no | yes | Isolation transformer cordset | yellow | **CS75IT4** |
| 75' | yes | yes | Standard cordset | yellow | **CS754** |
| 75' | yes | no, blunt cut | Cable winch | yellow | **CW754** |
| 100' | no | yes | Isolation transformer cordset | yellow | **CS100IT4** |
| 100' | no | no, blunt cut | Cable winch w/ isolation transformer | yellow | **CW100IT4** |
| 100' | yes | yes | Standard cordset | yellow | **CS1004** |
| 100' | yes | no, blunt cut | Cable winch | yellow | **CW1004** |
| 125' | no | no, blunt cut | Cable winch w/ isolation transformer | yellow | **CW125IT4** |
| **Extension Cord** | | | | | |
| 50' | yes | yes | Extension cable | yellow | **CS50EXT4*** |

*CS50EXT4 extension cord has connector body M4100C12 shown below.

**UV RESISTANT**

**5 YEAR WARRANTY**

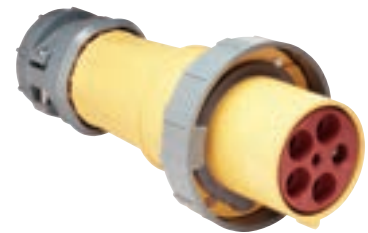## Plug w/ Gasketed Locking Ring

- Mate with M4100R12 receptacle

**Part #** M4100P12

## Connector Body

- Mate with plug on extension cords or adapters. Note: It does not mate with shore power inlet.

**Part #** M4100C12

## Dock Side Receptacle

- Spring loaded cover providing a IP67 watertight rating when tightened (see inside back cover)

**Part #** M4100R12

## Shore Power Inlet

- Spring loaded cover providing a IP67 watertight rating when tightened (see inside back cover)

**Part #** M4100B12R

# 100A 3ØY 120V/208V 4-Pole 5-Wire

## Cordsets

All Marinco® cordsets are made of the highest quality, marine grade construction with features you won't find on other power cords.

- For use with 100A 120V/208V shore power systems
- High visibility, 2 AWG, flexible yellow STOW cable is oil, water, UV resistant, and rated to 221°F (105°C)
- Ergonomic non-slip TPE coated gripping surfaces
- IEC pin & sleeve plugs and connectors are designed for harsh environments, watertight, and corrosion resistant. Feature integrated locking rings.
- Internal frame terminals provide high clamping force for safe and secure contact
- Options for use with on-board isolation transformers and male plug only power supply purposes
- UL and ABYC approved components

| Length | Neutral Wire | Female End | Application | Color | Part # |
|--------|--------------|------------|-------------|-------|--------|
| 75' | No | yes | Isolation transformer cordset | yellow | **CS75IT5** |
| 100' | No | yes | Isolation transformer cordset | yellow | **CS100IT5** |
| 100' | No | no, blunt cut | Cable winch w/ isolation transformer | yellow | **CW100IT5** |
| 125' | No | no, blunt cut | Cable winch w/ isolation transformer | yellow | **CW125IT5** |

**UV RESISTANT**

**5 YEAR WARRANTY**

### Plug w/ Gasketed Locking Ring
- Mate with M5100R9 receptacle

**Part #     M5100P9**

### Connector Body
- Mate with plug on extension cords or adapters. Note: It does not mate with shore power inlet.

**Part #     M5100C9**

### Connector Body w/ Gasketed Locking Ring
- Mate with M5100B9R inlet

**Part #     M5100C9R**

### Dock Side Receptacle
- Spring loaded cover providing a IP67 watertight rating when tightened (see inside back cover)

**Part #     M5100R9**

### Shore Power Inlet
- Spring loaded cover providing a IP67 watertight rating when tightened (see inside back cover)

**Part #     M5100B9R**

# DC POWER CONNECTIONS

### 12V Receptacles & Plugs

**41**

Marinco offers a wide selection of high quality DC electrical products that are designed specifically for harsh marine environments.

### 12V Receptacles & Plug Accessories

**42**

Mounting brackets, plates, extension cords, and other essential accessories for managing your 12V receptacles and plugs.

### 12/24V 4.8A Dual USB Receptacles

**43**

A wide range of USB receptacles for charging mobile device, tablets, and other accessories.

# DC POWER CONNECTIONS

## Charging / Trolling / Downrigger System

**44**

Marinco offers a complete line of plugs and receptacles designed exclusively for trolling motors and downriggers. Including the 70A trolling motor plug.

## Battery Direct Connect
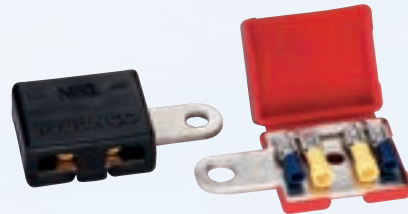
**47**

Terminate up to four (4) electronic instruments on each set of battery terminals.

Charging today's mobile devices on the go is a necessity and requires products built to withstand the marine environment.

# The importance of a quality DC electrical system

There's an old axiom that states, "The strongest chain is only as reliable as its weakest link," and the same analogy can be applied to your boat's DC electrical system. Put it in a harsh salt water or fresh water environment, where a vessel's wiring and components are subjected to more concentrated abuse in one season than your family car would experience in five years, and it's easy to realize that small electrical problems can get out of hand very quickly.

Safety onboard starts with a reliable DC electrical system that is installed and designed with the proper high quality wiring, components and connections to fulfill all of your intended DC tasks. If you're tempted to take shortcuts when wiring your boat, don't, as these types of cost-cutting measures can come back to bite you at the worst possible moments, potentially compromising the safety of your boat and crew.

So, whether you ply fresh water lakes, back bays, coastal areas or make long distance blue water runs to the edge of the continental shelf, Marinco® offers a wide selection of high quality, low voltage DC electrical products designed specifically for the harsh marine environment.

Now you can spend more time enjoying your boating experience and less time dealing with unwanted electrical hassles.

## SeaLink® 12V

The SeaLink® 12V family of products are manufactured from corrosion resistant marine grade materials. Exclusive to SeaLink products is a unique interconnecting system that securely locks the plug into the receptacle resulting in a positive and moisture-proof connection. The plug and receptacle feature optimized metal connection points for maximum conductivity.



**Slide-Loc™ Locking Ring**
**Watertight Cap**
**Interchangeable Fuse**
**Cord Seal**
**Panel with 1-1/8" Diameter Opening**
**Internal Strain Relief**
**LED Indicator Light**
**Optional Front Mounting Plate**
**SEALINK Receptacle**
**Moisture Proof Sealing Ring**
**SEALINK Plug**
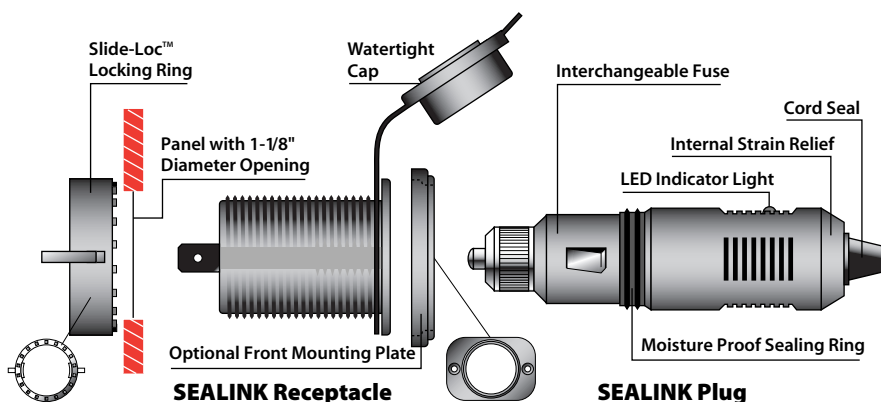
## ConnectPro® Charging & Trolling

The ConnectPro® trolling motor plug and receptacle is a revolutionary concept in trolling motor DC connections. The ConnectPro system has superior electric current carrying capacity that eliminates problems that rob motors of power and reduce battery life. The ConnectPro system features a locking plug and receptacle and spring clamping connection, which provides a secure electrical contact.



**Optional Threaded Locking Ring**
**Watertight Cap**
**Plated Brass Electrical Contacts**
**Weather Resistant Cover**
**Soft Contoured Grip**
**Panel with 1-1/8" Diameter Opening**
**Internal Strain Relief**
**Optional 6 Gauge Wire Adapter**
**Optional Front Mounting Plate**
**Moisture Proof Sealing Ring**
**Receptacle**
**Plug**
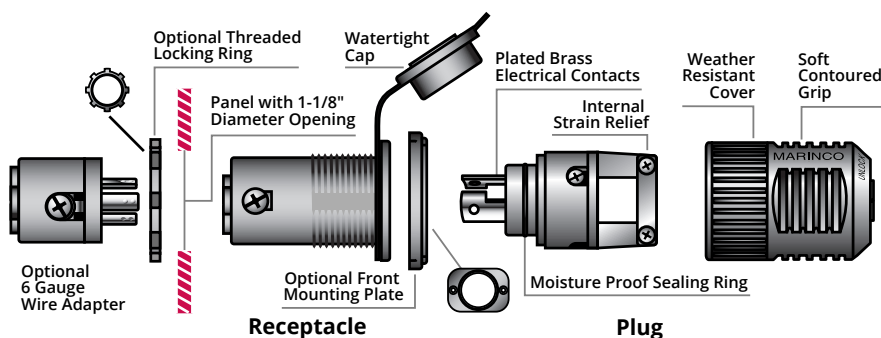
# 12V Receptacles / Plugs / Accessories

## 12V Receptacle with Protective Cap

- Stainless Steel
- Includes stainless steel mounting plate and wire set
- Max rating is 15A

**Part #    20036**

## SeaLink® Deluxe 12V Receptacle w/ Old Style Ring

- Watertight sealing cap
- Easy to install with locking ring for rear access installation
- Compatible with standard 12V plugs
- Max rating is 15A

**OEM #    12VRCO**
**OEM #    12VRCY**        sealed seams

**12VRC**

**12VRC.OEM**

## SeaLink® Deluxe 12V Receptacle

- Watertight sealing cap
- Easy to install, with supplied mounting plate for front panel installation, or locking ring for rear access installation
- Compatible with standard 12V plugs
- Max rating is 15A

**Part #    12VRC**          black
**Part #    12VRC.PG**       black w/gasket

## SeaLink® Deluxe 12V Receptacle

- Watertight sealing cap
- Easy to install with locking ring for rear access installation
- Compatible with standard 12V plugs
- No mounting plate
- Max rating is 15A

**OEM #    12VRC.OEM**    black

## SeaLink® Deluxe 12V Plug

- Moisture proof sealing ring
- LED power indicator light
- Interchangeable 10A fuse
- Internal strain relief and cord seal
- Compatible with standard 12V receptacles
- Max rating is 10A

**Part #    12VPG**
**OEM #    12VPG.OEM**

## SeaLink® Deluxe 12V Receptacle & Plug

- 12VRC and 12VPG packaged together

**Part #    12VPK**

# 12V Receptacles / Plugs / Accessories



## SeaLink® Mounting Plate
- Easy to install or retrofit
- Use with 12VRCY, 12VRC.OEM, 12VRCO, or 12VBR.OEM

**OEM #**    **12MP.OEM**    black



## Boot
- For use with 12V products
- Creates a weatherproof seal

**Part #**    **300275**



## Trolling Motor Adapter Terminal
- 6-gauge

**Part #**    **12VPL.OEM**



## SeaLink® Receptacle Mounting Bracket
- Bracket for under dash mounting of the SeaLink® or ConnectPro® receptacles
- Receptacle installs with rear mounting threaded nut
- Marine grade anodized aluminum
- Dimensions: 2" W x 2-1/2" H

**Part #**    **12BKT**



## SeaLink® Deluxe 12V Extension Cord
- Heavy-duty 18-gauge wire, extends to over six (6) feet
- Watertight cap
- Plug features an LED indicator light, moisture proof sealing ring, strain relief and built-in 10A fuse
- SeaLink® locking system
- Works with any standard 12V plug and receptacle

**Part #**    **12VXT**

# USB Chargers



12VDUSB            12VDUSBW-B

## SeaLink® Deluxe Dual USB Charger Receptacle

• 12V to 24V DC input
• 5V, 2.1A total output
• LED power indicator light for USB
• Water resistant cover protects against dust and water

| | | |
|---|---|---|
| **Part #** | **12VDUSB** | black (with insulated terminals) |
| **OEM #** | **12VDUSB-B** | black |
| **OEM #** | **12VDUSBN-B** | black no LED |
| **OEM #** | **12VDUSBW-B** | white |



## 12/24V 4.8A Dual USB Charger

• Dual USB ports with 4.8A total output
• Cover prevents dust and water from damaging receptacles

**Part #**     **12VDUSB48**



12VCOMBO            12VCOMBOW-B

## SeaLink® Deluxe Dual USB Charger & 12V Receptacle

• 12V DC input
• Dual USB has 5V, 2.1A total output
• LED power indicator light for USB
• Receptacle has 12V DC output, rated up to 15A
• Water resistant covers protects against dust and water

| | | |
|---|---|---|
| **Part #** | **12VCOMBO** | black (with insulated terminals) |
| **OEM #** | **12VCOMBO-B** | black |
| **OEM #** | **12VCOMBON-B** | black no LED |
| **OEM #** | **12VDUSBW-B** | white |

# 3-Wire 70A Charging / Trolling System







### 70A Trolling Motor Receptacle

- 70A continuous rating
- Universal design for 2 or 3-wire configuration 12V, 24V, 12/24V, 24/36V, 36V or 48V systems
- Floating pin design for maximum connectivity and durability
- Corrosion resistant, plated brass electrical components
- Watertight sealing cap
- Accepts 8 and 6 AWG wire

**Part #     12VBRS3**
**OEM #     12VBRS3.OEM**

### 70A Trolling Motor Plug

- 70A continuous rating
- Universal design for 2 or 3-wire configuration 12V, 24V, 12/24V, 24/36V, 36V or 48V systems
- Floating pin design for maximum connectivity and durability
- Corrosion resistant, plated brass electrical components
- Integrated strain relief
- Keyed design with thumbprint locator
- Accepts 8 and 6 AWG wire

**Part #     12VBPS3**
**OEM #     12VBPS3.OEM**

### 70A Trolling Motor Plug & Receptacle

- 70A continuous rating
- Universal design for 2 or 3-wire configuration 12V, 24V, 12/24V, 24/36V, 36V or 48V systems
- Floating pin design for maximum connectivity and durability
- Corrosion resistant, plated brass electrical components
- Receptacle contains watertight sealing cap
- Plug contains Integrated strain relief and keyed design with thumbprint locator
- Accepts 8 and 6 AWG wire

**Part #     12VCPS3**



## TECH TIP

### Trolling Motor Amperages

Marinco offers multiple trolling motor plugs and receptacles to accommodate many different trolling motors. To select the correct plug and receptacle for your trolling motor, identify the amperage and voltage rating of your trolling motor. All Marinco trolling motor plugs and receptacles are rated at the stated amperage for continuous use and the amperage rating may vary by voltage. If a trolling motor plug and receptacle is undersized based on the amperage and voltage of the trolling motor, issues may occur.

# 2-Wire ConnectPro® Charging / Trolling System / Downrigger

## ConnectPro® Receptacle
- Works with 12V, 24V, or 36V 2-wire systems
- For front mount panel installations
- Weather resistant sealing cap
- Drain holes in receptacle keep water away from electrical components
- Perma-Lock™ screw terminals will not loosen under extreme hull vibration
- Fits standard 1-1/8" diameter mounting hole
- Accepts 10 and 8 AWG wire

Part #    12VBRS2
OEM #    12VBRS2.OEM

## ConnectPro® Plug
- O-ring seal for waterproof connections
- Weather resistant plug cover
- Corrosion resistant, plated brass electrical components
- Accepts 16 to 8 AWG wire
- Ergonomic contoured grip for easy hook-up and ground blade alignment
- Max rating is 40A

Part #    12VBPS2
OEM #    12VBPS2.OEM

## ConnectPro® Receptacle & Plug
- 12VBRS2 and 12VBPS2 packaged together

Part #    12VCPS2

# 3-Wire ConnectPro® Charging / Trolling System

## ConnectPro® Receptacle
- Universal design for 2 or 3-wire configuration 12V, 24V, 12/24V, 24/36V or 36V systems
- Watertight sealing cap
- Corrosion resistant, plated brass electrical components
- Drain holes in receptacle keep water away from electrical components
- Perma-Lock™ screw terminals will not loosen under extreme hull vibration
- Standard 1-1/8" diameter mounting hole
- Easy to install, with supplied mounting plate for front panel installation, or locking ring for rear access installation
- Accepts 10 and 8 AWG wire
- Easily replaces other trolling motor plugs and receptacles
- Max rating is 40A

Part #    12VBR        with mounting plate
OEM #    12VBR.OEM   without mounting plate

## ConnectPro® Plug
- O-ring seal for waterproof connections
- Weather resistant plug cover
- Corrosion resistant, plated brass electrical components
- Accepts 16 to 8 AWG wire
- Ergonomic contoured grip for easy hook-up and ground blade alignment
- Max rating is 40A

Part #    12VBP
OEM #    12VBP.OEM

## ConnectPro® Receptacle & Plug
- 12VBR and 12VBP packaged together

Part #    12VCP

## 6 Gauge ConnectPro® Wire Receptacle Adapter
- Allows 6 AWG wire connection to ConnectPro® receptacle
- Corrosion resistant, plated brass electrical components

Part #    12VBRAD
OEM #    12VBRAD.OEM

## ConnectPro® Receptacle, Plug & 6 Gauge Adapter
- 12VBR and 12VBP and 12VBRAD packaged together
- Max rating is 40A

Part #    12VCP6

# 3-Wire 30A 125V Locking Charging / Trolling System

 NEMA L5-30R  W G  30A 125V Locking



## Male Plug
- Short housing, black nylon with internal strain relief system and recessed fasteners

Part #    305BP
OEM #    305BP.OEM

## Female Connector
- Short housing, black nylon with internal strain relief system and recessed fasteners

Part #    305BC
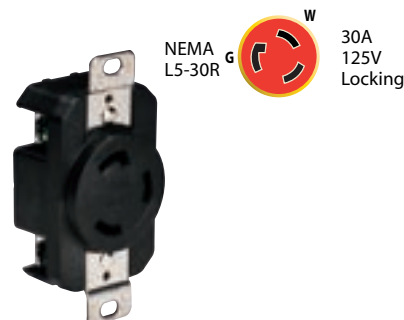
## Receptacle
- Corrosion resistant reinforced nylon.
- Accepts 8 AWG stranded wire or up to 6 AWG with spade terminals

Part #    305CRRB
OEM #    305CRRB.OEM

# 4-Wire 12/24V Locking Charging / Trolling System

The 4-wire trolling/charging system eliminates the need for a charge/run switch. Install the receptacle on the boat, mount the black trolling motor plug on the trolling motor, and the red charger plug on the leads of the battery charger. Simply plug in the black plug to troll, or plug in the red plug to charge.

 12/24V Locking

## Charger Plug (Male)
- Accepts up to 10 AWG wire
- Red

Part #    2018BP-12

## Trolling Motor Plug (Male)
- Connects to trolling motor
- Jumpered internally to supply 12V & 24V power to the trolling motor when plugged into the receptacle
- Accepts up to 8 AWG wire
- Max rating is 60A
- Black

Part #    2018BP-24
OEM #    2018BP-24.OEM

## Receptacle & Bracket
- Spring loaded flip lid cover and 2018BR receptacle, pre-assembled

Part #    2018BR-MB

## Trolling-Charging System Package
- Includes the 2018BP-12, 2018BP-24, and 2018BR-MB

Part #    2018PKG

## Bracket
- Spring loaded flip lid cover, without receptacle

Part #    2018MB
OEM #    2018MB.OEM

## Receptacle
- Glass-reinforced corrosion resistant nylon. Accepts 8 AWG stranded wire or up to 6 AWG with spade terminals.

Part #    2018BR
OEM #    2018BR.OEM
OEM #    2018BR.OEM.BPS (case pack)

## Battery Direct Connect™ Multi Connection Battery Terminals

- Terminate up to four electronic instruments on each set of terminals
- Comes complete with quick-connect terminals
- Positive molded in red, negative molded in black
- All one-piece, no screws or parts to lose
- Cover snaps tight when closed
- Meets ABYC standard E-10.8

**Part #**    12VTR
**OEM #**    12VTR.OEM
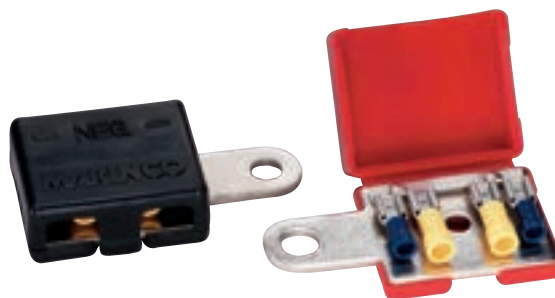


## TECH TIP

### Battery Direct Connect™ Details
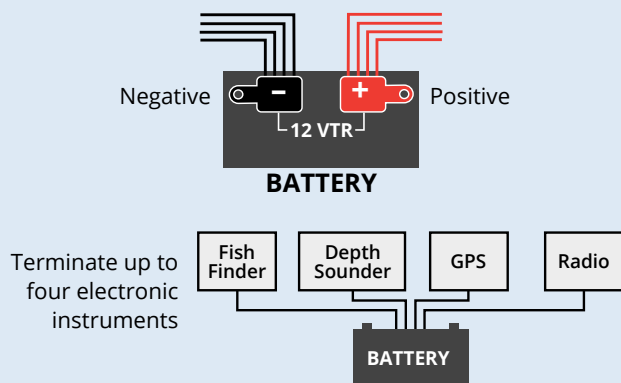
# POWER CONVERSION

## Guest ChargePro™ On-Board Battery Chargers

**50**

New line of Guest chargers ranging from 5A to 40A, with fully automatic 5-stage performance charging for 12V lead acid and AGM batteries. Chargers have dedicated outputs, aluminum housings and expanded LED charge status. 100% waterproof and shock resistant for all fresh and salt water applications.

## 1.5 Amp ChargePro™ Maintainer

**52**

Keep your battery charged with this highly reliable, Guest 1.5 Amp maintainer. Extends battery life and will charge, monitor and re-charge your battery if the voltage drops below 12.9V. The maintainer can be safely connected to the battery for short or long periods of time.

# POWER CONVERSION

**Guest Portable Battery Chargers**

**53**

Take the charger to the battery with the Guest portable charger. Charges and maintains a full charge without the fear of overcharging or boiling electrolytes.

**Battery Charger Accessories**

**56**

Intuitive new charger accessories simplify installation and operation.

# CHARGEPRO™

## Guest On-Board Battery Chargers

### For 12V, 24V, 36V and 48V systems (model specific)

Guest On-Board battery chargers have been redesigned from the inside out with the customer in mind. Our newest generation On-Board Marine battery chargers include leading advancements in digital charging technology and waterproof design/construction. Designed to maximize individual battery performance, extend battery life and show battery status better than ever before.

Every Guest charger has a dedicated output that delivers the full amount of amps per bank. The easy to read graphics indicates the status of each battery bank through the charging process.

ChargePro's low profile flangeless extruded aluminum housing is sealed by gaskets with heavy duty end caps for 100% waterproof performance to IP67. This new construction design delivers an increase in charging and thermal management performance. The new ChargePro Series is up to 40% lighter while increasing durability and ease of installation over prior generations of older technology epoxy filled plastic body chargers.

- All high frequency, digital charging technology
- Microprocessor and software control for precision, fully automatic 5-stage performance charging
- Dedicated battery charging, sensing and control per bank
- Expanded LED charge status monitor
- Wiring and battery fault detection
- Auto-maintain energy saver mode
- Up to 40% lighter
- 100% Waterproof (IP67) and shock resistant for all fresh and saltwater applications (see inside back cover)
- All models are pre-wired for easy installation
- For all 12V flooded and AGM lead acid batteries
- Built-in safety: reverse polarity, over-current, over-voltage, over-temperature and ignition protection. In-line fuses for maximum DC wire protection.
- 2-year warranty

**2713A**

**2711A**

**2708A**

**Expanded LED display**    **Battery fault detection LEDs**    **Heavy-Duty strain reliefs**    **In-line safety fuses**    **NEMA 5-15P plug**

## Guest ChargePro™ Series Selection

### ChargePro 5A to 20A Models

| Model | ChargePro 5 | ChargePro 4/4 | ChargePro 10 | ChargePro 5/5 | ChargePro 5/5/5 | ChargePro 10/10 |
|---|---|---|---|---|---|---|
| Part # | 2708A | 2707A | 2710A | 2711A | 2713A | 2720A |
| Input Volts | 90-135V AC 50/60Hz | 90-135V AC 50/60Hz | 90-135V AC 50/60Hz | 90-135V AC 50/60Hz | 90-135V AC 50/60Hz | 90-135V AC 50/60Hz |
| DC System Voltage | 12 | 12/24 | 12 | 12/24 | 12/24/36 | 12/24 |
| Banks | 1 | 2 | 1 | 2 | 3 | 2 |
| Amps | 5 | 4/4 | 10 | 5/5 | 5/5/5 | 10/10 |
| Amps Per Bank | 5 | 4 | 10 | 5 | 5 | 10 |
| AC Cord Length | 6' | 6' | 6' | 6' | 6' | 6' |
| Size (W x H X L) | 7.5" x 2.4" x 7.2" 191 x 61 x 183 mm | 7.5" x 2.4" x 9.0" 191 x 61 x 229 mm | 7.5" x 2.4" x 9.0" 191 x 61 x 229 mm | 7.5" x 2.4" x 9.0" 191 x 61 x 229 mm | 7.5" x 2.4" x 12.9" 191 x 61 x 328 mm | 7.5" x 2.4" x 12.9" 191 x 61 x 328 mm |
| Weight (lbs) | 3.2 | 4.5 | 4.2 | 4.7 | 6.7 | 6.6 |

### ChargePro 30A and 40A Models

Designed for demanding 12V, 24V, 36V and 48V battery systems requiring 10per battery for the fastest charge times.

| Model | ChargePro 10/10/10 | ChargePro 10/10/10/10 |
|---|---|---|
| Part # | 2731A | 2740A |
| Input Volts | 90-135V AC 50/60Hz | 90-135V AC 50/60Hz |
| DC System Voltage | 12/24/36 | 12/24/36/48 |
| Banks | 3 | 4 |
| Amps | 10/10/10 | 10/10/10/10 |
| Amps Per Bank | 10 | 10 |
| AC Cord Length | 6' | 6' |
| Size (W x H X L) | 9.0" x 4.1" x 8.7" 229 x 104 x 221 mm | 9.0" x 4.1" x 8.7" 229 x 104 x 221 mm |
| Weight (lbs) | 8.0 | 8.5 |

**Fan**          **Expanded LED display**          **Heavy-Duty Strain Reliefs**

## Related Products

**AC Plug Holder**
page 54

**Cable Extender**
page 55

## Fully Automatic Multi-Stage Performance Charging Overview
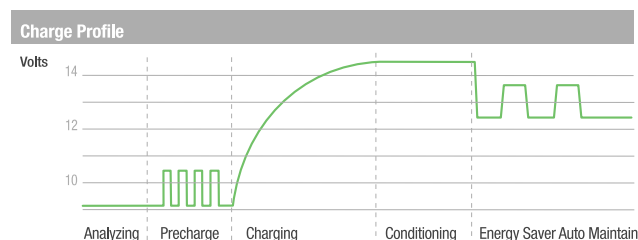


Charge Profile

**Chargepro's 5-Stage Performance Charging Algorithm is Fully Automatic and Designed to Maximize Battery Performance and Extend Battery Life.**

**Stage 1 - Analyze Mode:** AC power is applied. ChargePro's red charging LED will flash indicating it is analyzing individual wiring connections for proper connection/polarity and that each battery is over 4.0V DC and capable of accepting a precharge. When completed, any errors will trip a battery specific red fault LED, or if no faults are present the red charging LED will illuminate solid red.

**Stage 2 - Precharge Mode:** For batteries under 10V, this mode is designed to pulse the battery up to 10V before accepting full rated constant current (Stage 3). During this mode the red charging LED will be illuminated with a solid on.

**Stage 3 - Charging Mode Constant Current:** During this mode the red charging LED will be illuminated with a solid on indicating each battery is being charged in constant current mode as controlled by temperature until the battery voltage is raised to a precise 14.6V DC and the red charging LED will shut off.

**Stage 4 - Conditioning Mode Constant Voltage:** During this mode the amber conditioning LED will be solid on indicating each battery is being is being conditioned at 14.6V for up to 3 hours until the battery is fully charged. Followed by the amber LED turning off while the charger enters into Stage 5.

**Stage 5 - Storage Recondition Mode:** During this mode the blue AC power and green auto maintain LED will be solid on indicating each battery is being monitored while the charger is in standby mode consuming little to no power until the battery drops under 12.8V (fully charged) and the charger will turn on and auto maintain the battery in a fully charged state. This is fully automatic and safe for short and long term storage.

# 1.5 Amp ChargePro™ Maintainer

Keep your battery charged with this highly reliable, Guest 1.5 Amp maintainer. Extends battery life and will charge, monitor and re-charge your battery if the voltage drops below 12.9V. The maintainer can be safely connected to the battery for short or long periods of time. To increase versatility the maintainer comes with alligator clips and ring terminals for the output cable. This maintainer will charge smaller batteries and maintain batteries up to 150Ah (group 31).

- Ideal for sport fishing boats, ski boats, jet ski's, ATV's, automobiles, tractors, riding lawn mowers and more
- For Flooded, Gel and AGM batteries
- Charge batteries 1.2 Ah to 40 Ah
- Maintain batteries 1.2 Ah to 150 Ah
- Energy savings mode automatically shuts off the charger when the battery is charged. The charger periodically monitors the battery and turns back on when the battery falls below 12.9V.
- Maintainer can safely stay connected to the battery for long periods of time
- LEDs let you know when the Power is ON, battery is being charged and when charging is complete.
- Includes ring terminals and alligator clips for connection to the battery
- Weather resistant, IP65 (see inside back cover)
- 3-wire AC plug, NEMA 5-15P
- 3-year warranty
- Meets UL 1236 and CSA Standards, cETLus

| **Concealed Mounting** | **Expanded LED Status Center** | **Portable Foam Resting Pad** | **Included DC Cable Assemblies** | **NEMA 5-15P Plug** |

| Part # | Output Volts | Output Amps | Banks | Cable Length | Size (WxHxD) | Weight | AC In |
|--------|--------------|-------------|-------|--------------|--------------|--------|-------|
| **2701A** | 12V DC | 1.5 A | 1 | 6' | 5.0"x5.8"x2.0" 127 x 147 x 51 mm | 2.3 lbs | 120V AC 60Hz |

**Conforms to:**
Marine UL 1236 SB
CSA C22.2 No. 107.2
FCC Class A

**Designed and Constructed to:**
ABYC A-31

ABYC
Setting Standards for Safer Boating

# Portable Battery Chargers



| Model | 6 Amp Battery Charger | 3 Amp Battery Charger |
|---|---|---|
| Part # | **2606A-B** | **2603-B** |
| Total amps | 6A | 3A |
| Outputs | 1 | 1 |
| Amps per out | 6 | 3 |
| Battery System | 12V | 12V |
| Input Voltage | 100–130V AC / 60Hz | 100–130V AC/60Hz |
| Output Voltage | 12V | 12V |
| AC | 6' AC cord with standard plug | 18" AC cord with standard plug |
| Dimensions | 5.5" x 5.0" x 2.4"<br>140 x 127 x 61 mm | 3.10" x 3.50" x 2.34"<br>79 x 89 x 59 mm |
| Weight | 3.5 lbs / 1.6 kg | 1.0 lbs / 0.5 kg |

# Universal AC Plug Holder+

**Universal design for all standard 120V AC plugs**

- Plug clamp insert included—converts plug holder to an AC inlet for Guest engineered chargers
- No cutting, stripping or rewiring of AC power cord
- Watertight and UV resistant cover
- Easy to reach safe AC power cord connections
- Stainless steel mounting screws included
- Easy installation
- Compatible with Guest ConnectCharge™ plug

| Description | Part # |
|---|---|
| Black | **150PHB** |
| White | **150PHW** |

*Plug Clamp Insert*

*Available in black or white*

## AC Plug Holder Configurations—Multi-Use Design
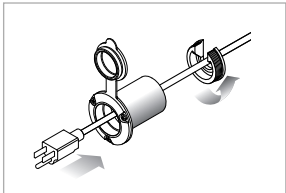


**Universal Plug Holder**
Fits marine chargers with 120V plugs.
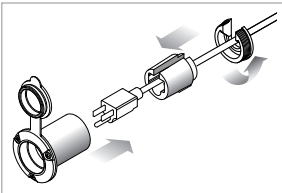


**With Plug Clamp Insert**
For all ProMariner chargers, Bass Pro shops, Cabela's and Guest chargers.
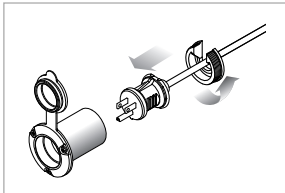


**ConnectCharge™ Plug**
Guest and Marinco ConnectCharge plug

# Hard Wired Charger Inlets

- 15A or 20A 125V straight blade inlet
- Low profile cap won't catch fishing line
- Mounts easily to fiberglass and aluminum hulls
- Perma-Lock™ terminals and color coded wire entrance holes make wiring a snap
- UV resistant housing/cap

| Amp | Color | Universal Mount Part # | Front Mount OEM # | Rear Mount OEM # |
|---|---|---|---|---|
| 15 | Black | **150BBI** | **150BBI.OEM** | **150BBI-TM** |
| 15 | White | **150BBIW** | **150BBIW.OEM** | — |
| 20 | White | — | **200BBIW.OEM** | — |

15A 125V Straight Blade

20A 125V Straight Blade

# Charger DC Cable Extenders

**Universal design for all marine chargers with ring terminal cables**

- Rated up to 30A
- Color coded for quick and easy installation
- No cutting, stripping or splicing required
- Slide & snap fully insulated connection covers
- Corrosion resistant tinned 12 AWG copper wire and gold plated hardware
- Dual inline waterproof fuses for maximum wire protection
- Available in 5 ft or 15 ft cable lengths
- Use with all on-board marine battery chargers when standard battery charger cables do not reach your bow, center mount or stern battery compartment locations

| Description | Part # |
|---|---|
| 5 ft | 27505 |
| 15 ft | 27515 |

## Easy to extend charger cables with two 1/2" wrenches

**Step 1:**
Align charger red and black wires and assemble hardware as shown

**Step 2:**
Tighten all hardware to approximately 12 ft. lbs.

**Step 3:**
Slide and snap connection cover

**27515**

**27505**

# BATTERY MANAGEMENT

### Dynaplates
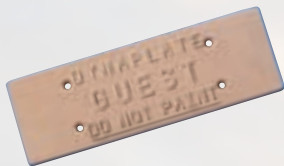
**58**

Improve the performance of electronics and reduce RF interference. Deters electrolysis and galvanic corrosion.

### Universal Mount Switches

**59**

Longer stud length for easier assembly and cable routing.

# BATTERY MANAGEMENT

## Battery Selector Switches

**59**

Durable polycarbonate case. Available with or without alternator field disconnect. For 6V, 12V, 24V, or 36V systems.

## Heavy-duty Diesel Power Battery Switches

**59**

Constructed with heavy-duty copper sweep contacts to ensure positive circuit control. Features alternator field disconnect to protect the electrical system during switching.

Battery management systems protect and support rechargeable batteries by extending the charge and life cycle of your batteries.

## Dynaplates for Hull Bonding & Grounding

• Improves performance of electronics and reduces RF interference
• Offers the best path for hull bonding without long runs of copper foil
• Deters electrolysis and galvanic corrosion
• Sintered porous bronze sphere construction for maximum conductivity in a compact size
• Low drag, non-fouling shape
• Easy to clean with wire brush
• Conforms to ABYC standards
• Mounting hardware included
• Gold plated mounting bolt
• Bronze mounting nuts
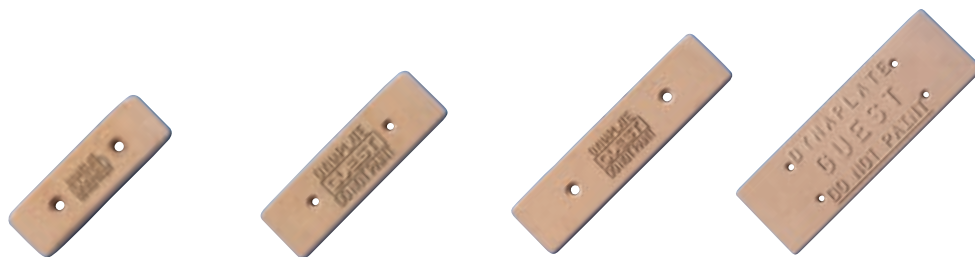
|  | Standard | Large | Giant | Super |
|---|---|---|---|---|
| Part # | 4006 | 4008 | 4012 | 4018 |
| Use for | bonding and grounding | bonding, grounding and Loran use | bonding, grounding and Loran use | SSB radio |
| Dimensions | 6" x 2" x .5" 152 x 51 x 13 mm | 8" x 2.5" x .5" 203 x 64 x 13 mm | 12" x 3" x .5" 305 x 76 x 13 mm | 18" x 6" x .5" 457 x 152 x 13 mm |
| Mounting holes | 2-1/2" center to center | 4" center to center | 6" center to center | 9.875" center to center; 3" top to bottom |
| Weight | 1.4 lbs / .6 kg | 2.1 lbs / 1 kg | 3.7 lbs / 1.7 kg | 11.1 lbs / 5 kg |

### Accessories for dynaplates

| Part | Material | Use with: | Dimensions | Part # |
|---|---|---|---|---|
| Washer | Bronze | 4006/4008 | 1/4" x 20" | **P-11D03** |
|  |  | 4012/4018 | 3/8" x 16" | **P-11D04** |
| Bolt | Bronze | 4006/4008 | 1/4" x 20" | **P-12D34** |
|  |  | 4012/4018 | 3/8" x 16" | **P-12D36** |
|  | Bronze Gold Plate | 4006/4008 | 1/4" x 20" | **P-12D35** |
|  |  | 4012/4018 | 3/8" x 16" | **P-12D37** |

| Part | Material | Use with: | Dimensions | Part # |
|---|---|---|---|---|
| Nut | Bronze | 4006/4008 | 1/4" x 20" | **P-13A27** |
|  |  | 4012/4018 | 3/8" x 16" | **P-13A29** |
|  | Bronze Gold Plate | 4006/4008 | 1/4" x 20" | **P-13A28** |
|  |  | 4012/4018 | 3/8" x 16" | **P-13A2A** |

## TECH TIP

### Choosing a Battery Switch

ABYC requires a battery switch on every boat with a battery over 800 Cold Cranking amps (CCA). This requirement exists so the potentially destructive energy in the batteries can be isolated in the event of a fire.

## Universal Mount Switches

- Longer stud lengths for improved assembly and easier cable routing
- Built with heavy-duty copper sweep contacts to ensure positive circuit control
- Rugged internal components protected by a tough, impact resistant polycarbonate housing that is impervious to the elements
- Cable Lug Size: 3/8"
- Dimensions: 5.0" x 2.75"

**Selector Switch w/out AFD**
Continuous: 230A
Momentary: 345A

| Description | Part # | OEM # |
|---|---|---|
| black | **2111A** | **2111A-B** |
| orange | **2111A-O** | — |
| red | **2111A-17** | — |

**Selector Switch with AFD**
Continuous: 230A
Momentary: 345A

| Description | Part # | OEM # |
|---|---|---|
| black | **2110A** | **2110A-B** |

**On/Off Switch w/out AFD**
Continuous: 230A
Momentary: 345A

| Description | Part # | OEM # |
|---|---|---|
| black | 2112A | 2112A-B |

## Battery Selector Switches

- Polycarbonate case
- For 6V, 12V, 24V or 36V systems
- Surface mount
- Cable Lug Size: 3/8"
- Dimensions: 5.50" x 2.63"

**Selector Switch with AFD**
Continuous: 230A
Momentary: 345A

| Description | Part # | OEM # |
|---|---|---|
| orange | **2100** | **2100-B** |

**Selector Switch w/out AFD**
Continuous: 230A
Momentary: 345A

| Description | Part # | OEM # |
|---|---|---|
| orange | **2101** | **2101-B** |

**On/Off Switch w/out AFD**
Continuous: 230A
Momentary: 345A

| Description | Part # | OEM # |
|---|---|---|
| orange | **2102** | **2102-B** |

## Heavy-duty Diesel Power Battery Switches

- For 6V, 12V, 24V or 36V systems
- Built with heavy-duty copper sweep contacts to ensure positive circuit control
- Rugged internal components protected by a tough, impact resistant polycarbonate housing that is impervious to the elements
- All feature Alternator Field Disconnect (AFD) allowing selection of any position, including "off", without damage to alternator or electrical system
- Cable lug size: 1/2"
- 2304A and 2304A-B have 3 studs

**Heavy-duty On/Off Switch**
Continuous: 450A
Momentary: 800A

| Description | Part # | OEM # |
|---|---|---|
| gray | **2303A** | **2303A-B** |

**Extra-duty On/Off Switch**
Continuous: 600A
Momentary: 1000A

| Description | Part # | OEM # |
|---|---|---|
| gray | **2304A** | **2304A-B** |

**Battery Selector Switch**
Continuous: 360A
Momentary: 600A

| Description | Part # | OEM # |
|---|---|---|
| gray | **2300A** | **2300A-B** |

# Battery Switch Operation Diagrams

As more and more electronics and electrical accessories are added to your boat (autopilot, refrigeration, etc.) the use of multi-batteries becomes a necessity. Guest components allow you to set up the system (from simple to complex) for your boat's application. The following diagrams are for use in identifying and designing the right system for your boating needs.
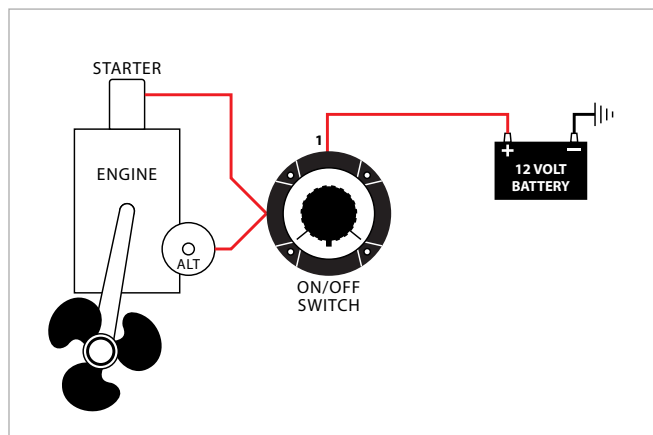


**Single battery**

Installation: To shut off all power at source. Recommended installation by approved authorities.
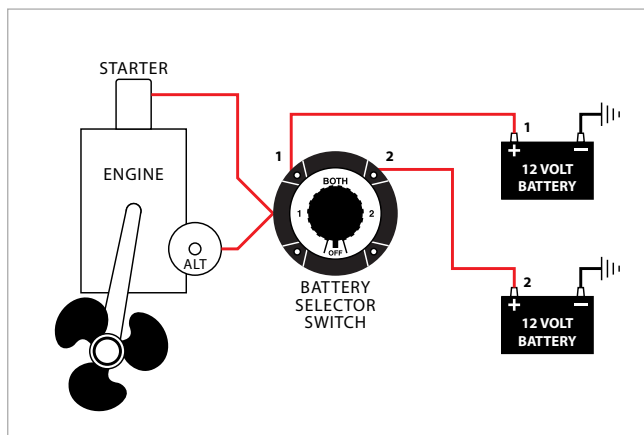


**Two batteries without isolator**

Installation: To select a starter battery and ship service battery. Manually isolates each battery, parallels both batteries for emergency start, master disconnect, manually selects batteries for charging.
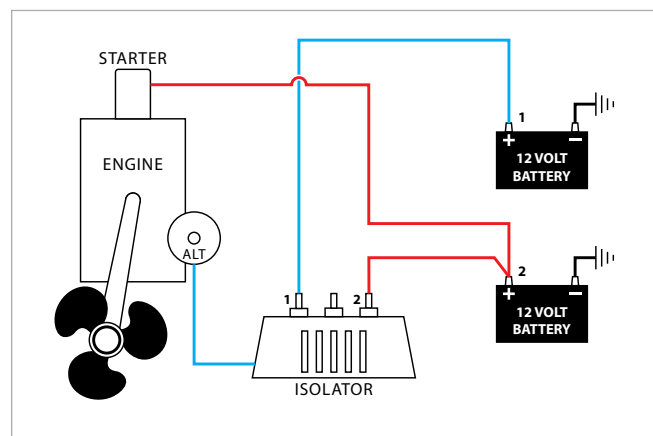


**Two batteries with isolator**

Installation: Isolator automatically selects lower charged battery to be charged first. Full battery can't discharge to drained battery. Dedicated system, no flexibility, no emergency parallel or disconnect function.
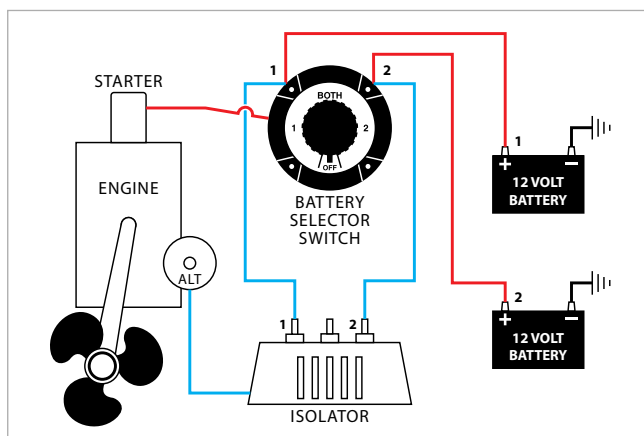


**Two batteries with emergency parallel**

Installation: An isolator automatically isolates each battery, lower charged battery will automatically be charged first. Two different size batteries can be used, larger for ship services, smaller for engine cranking. Switch selects usage, master disconnect, emergency parallel function.
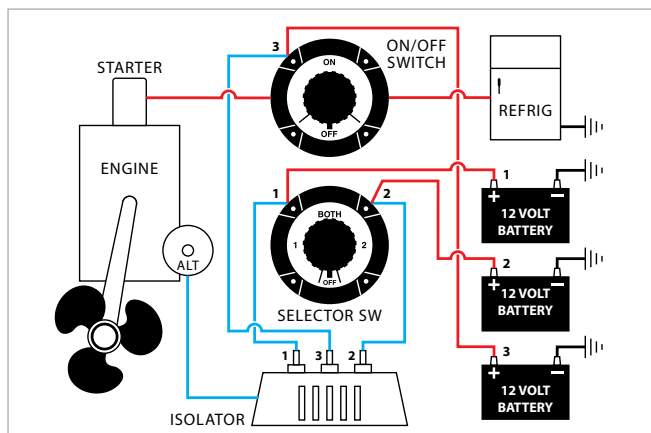
**One battery selector switch, one On/Off selector switch automatic battery isolation and automatically charges three batteries**

Installation: Use for sailboats and trawlers. Third battery isolated from other ship circuits. All batteries being automatically charged while running through isolator. To be used for refrigeration or other heavy load devices. Isolator protects other batteries.

**Switch selector usage:**

1. Master disconnect     2. Emergency parallel function
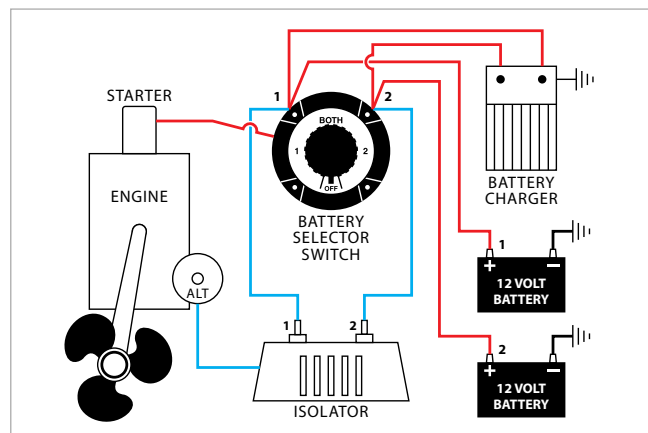


**Adding automatic battery charger/converters to system**

Installation: At dock side multi-bank charger built in isolator which will automatically charge lower battery.
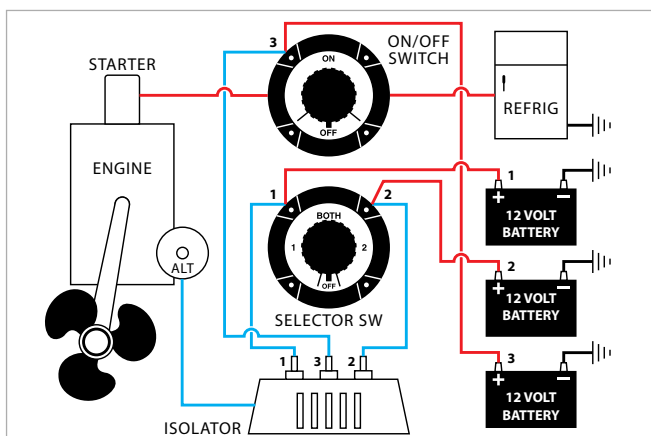


**Three batteries, one battery selector switch, one On/Off or selector switch, two alternators, one isolator**

Installation: Isolator separates both alternators so both alternators will charge simultaneously. Automatically charges lowest battery first. All batteries can be used for start, third battery, ship's source.

## Alternator Field Disconnect (AFD)

Allows selection of any position, including "Off," without damage to alternator or electrical system. AFD is required on some electrical systems.

- Heavy-duty copper sweep contacts
- Positive click-stop on all positions
- "Make before break" contacts allow selection of all positions except "Off" while engine is running
- New design is easy to retrofit into existing hole patterns
- Use with 6V, 12V, 24V or 36V systems
- Built-in skirt protects connections
- Surface or rear panel mounting
- Marine grade construction

**Important Note: The boater's electrical needs and problems should be discussed with your boatyard's electrical technician.**



**Exclusive flat 360 "sweep" contact design provides up to 60% more contact area than other switch designs.**

# WIPER SYSTEMS

## Wiper Motors & Kits

**64**

Marinco® motors are split into three categories, Standard, Heavy-Duty, and Heavy-Duty Plus, with the categories being defined by the power range of the motors. Within the three categories, there are motors designed for interior or protected installations, and motors designed for exterior installations. We offer wiper motors for all windshield sizes up to 45", which could be covered by a 30" arm and 30" blade combination, driven by a 3.0 motor.

## Wiper Arms

**72**

Wiper arms are available in Standard, Deluxe, and Premier styles and the primary construction material in all wiper arms is stainless steel. Deluxe arms are used on Standard and Heavy-Duty motors. The arms are available in a wide range of sizes, in both black and stainless steel finish, and regular and pantographic models. Pantographic arms use a set of two arms joined together to give a flatter and somewhat wider sweep pattern.

# WIPER SYSTEMS

## Wiper Blades

**75**

Standard, Deluxe and Premier Plus wiper blades are offered in different sizes and styles to fit all of the different types of wiper arms. Premier and Deluxe styles have stainless steel frame construction and high-end silicone rubber squeegees. For maximum performance of all blade styles, replacement of wiper blades is recommended every six (6) months.

## Windshield Washer Kits

**77**

A full line of easy-to-install windshield washer kits are available.

Wiper assembly systems ensure your visibility remains clear through a storm or vicious passages.

# Wiper Motors

The motor choice is based primarily on the size of the windshield and where the motor is to be installed, either in an exterior or interior location. Marinco motors are split into two categories, Standard and Heavy-Duty with the categoies being defined by the power range of the motors. Within the two categories, there are motors designed for interior or protected installations, and motors designed for exterior installations.

The Standard motor category includes the STD, WMW, and 500, which are all designed for light duty use, defined as being able to drive a 14" arm and a 14" blade.

When coverage of a larger windshield is required, Marinco® offers the Heavy-Duty motors, which are capable of driving a

wide range of arm and blade sizes, up to a 26" x 26" Deluxe arm and blade combination, which would cover windshields up to 39". The 1000 motor can pull up to a 16" x 16" Deluxe arm and blade combination. The MRV is built for interior or well-protected locations, and has the power to pull a 22" X 22" Deluxe arm and blade combination. The 1.5 motor has the power to pull a 22" x 22" Deluxe arm and blade combination like the MRV, but is waterproof and built for exposed installations. The 2.5 motor has the power to pull a 26" x 26" Deluxe arm and blade combination and is waterproof for exposed installations.

## Choosing the Right Motor

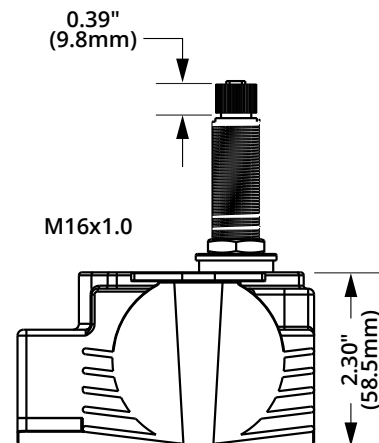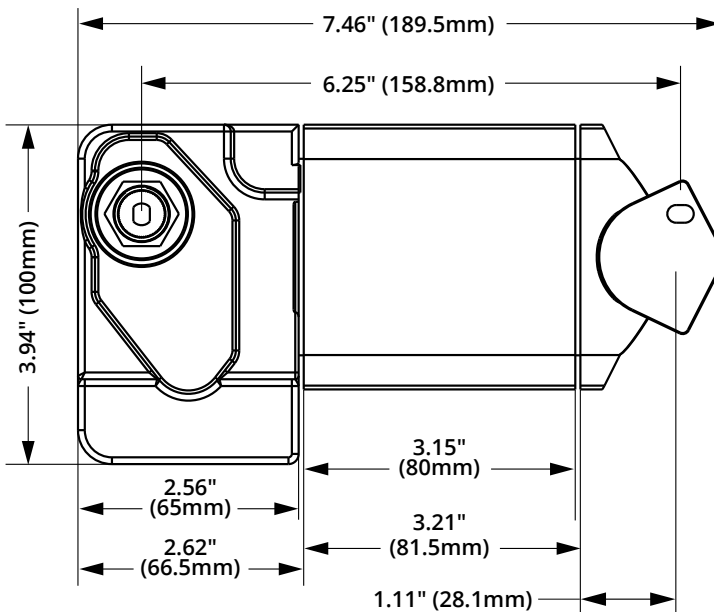| | Model | Voltage | Speeds | Stall Torque/ Stall Current | Compatible Blade Lengths | Available Shaft Lengths | Sweep Angles | Housing |
|---|---|---|---|---|---|---|---|---|
|  | 2.5 | 12V & 24V | 2 speed | 139 in-lbs / 9A–10.5A | 26" Deluxe 24" Premier | 2.5" | Factory preset: 80° or 110° Adjustable: 45° or 60° | Fully sealed powder coated aluminum |
|  | 1.5 | 12V & 24V | 2 speed | 109 in-lbs / 11.5A–13A | 22" Deluxe 20" Premier | 1.5" 2.5" | Factory preset: 80° or 110° Adjustable: 45° or 60° | Fully sealed powder coated aluminum |
|  | 3000 | 12V | 2 speed | 159 in-lbs / 10.2A–12.2A | 26" Deluxe 26" Premier | 1.5" 2.5" | Factory preset: 80° or 110° Adjustable to 40°, 50°, 60°, 70°, 80°, 90°, 100° or 110° | Fully sealed aluminum |
|  | 1000 | 12V | Single | 55 in-lbs / 9.8A–10A | 16" Deluxe 18" Premier | 1.5" 2.5" | Factory preset: 65°, 80° or 110° Adjustable: 50°, 65°, 80° or 110° | Fully sealed, UV stabilized hi-temp thermoplastic |
|  | MRV | 12V & 24V | 2 speed (but can be operated as 1) | 109 in-lbs / 11.5A–13A | 22" Deluxe 20" Premier (at 80° sweep) | 1.5" 2.5" 3.5" | Factory preset: 80° or 110° Adjustable: 45°, 60°, 80° or 110° | Corrosion resistant cast housing |
|  | 500 | 12V | Single | — | 14" Deluxe | 2.5" | Factory preset: 80° or 110° | Fully sealed, UV stabilized hi-temp thermoplastic |
|  | WMW | 12V | Single | — | 14" Deluxe | 2.5" | Factory preset: 110° | Chrome plated brass case |
|  | STD | 12V | Single | — | 14" Deluxe | 2.5" 3.5" | Factory preset: 80° or 110° Adjustable: 80° or 110° | Corrosion proof aluminum alloy case |
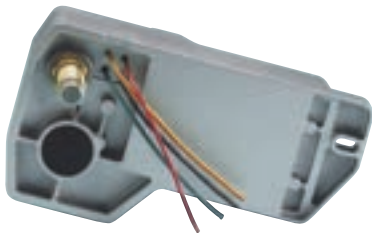
## 2.5 Waterproof Wiper Motor

- Fully sealed powder coated aluminum waterproof base and housing
- Powers a 26" Deluxe arm and Deluxe blade combination or a 24" Premier arm and Deluxe blade combination
- Available in two (2) shaft lengths: 1.5" and 2.5" (includes .5" length of knurled arm fitting)
- Factory pre-set sweep angles of 80° or 110°, with easy adjustment to 45° or 60°
- Chrome plated solid brass knurled drive nut with brass and stainless steel drive shaft
- Two-speed motor
- Sealed 6" wire leads, 16 AWG
- Adjustable right or left self parking
- .625" diameter shaft (16 mm)
- Available in 12V and 24V models
- Coast to park
- RF shielded circuitry
- Retail version includes 6A fuse and holder (operating switch not included)
- Measures approximately 7.875" L x 4.25" W x 3" D (see below for detailed dimensional drawings)
- Stall torque: 139 in-lbs (160 kgf/cm; 15.7 Nm)
- Stall current: 9.0A–10.5A
- No load current: 1.0A -1.6A

**3** YEAR WARRANTY

CE

### Related Products

**Intermittent Wiper Motor Controller page 70**

| Description | Voltage | Sweep | Part # | OEM # |
|---|---|---|---|---|
| 2.5" Shaft | 12V | 80° | **82082** | 82182 |
| | | 110° | **82012** | — |
| | 24V | 110° | **82312** | — |
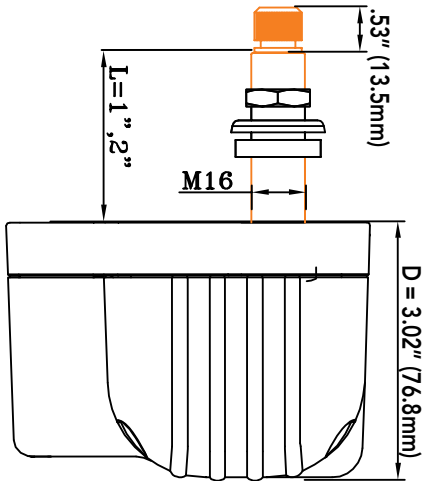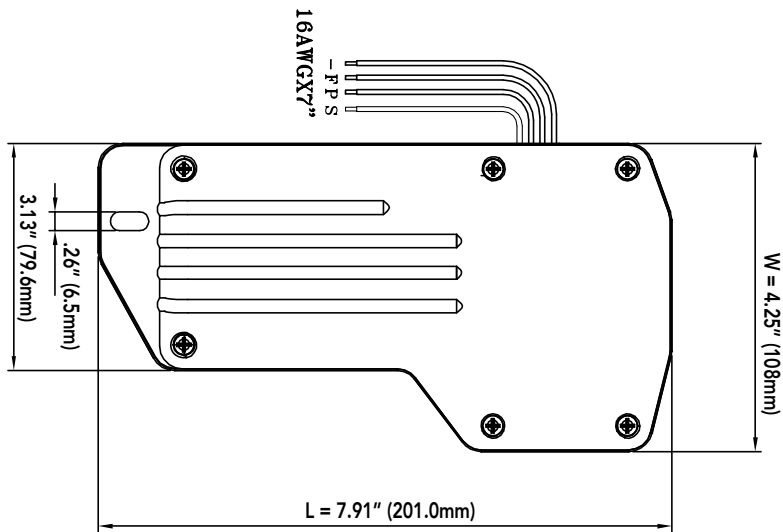
\

16AWGX7"
– F P S

3.13" (79.6mm)

.26" (6.5mm)

W = 4.25" (108mm)

L = 7.91" (201.0mm)

.53" (13.5mm)

L=1",2"

M16

D = 3.02" (76.8mm)

## 1.5 Waterproof Wiper Motor

- Fully sealed powder coated aluminum waterproof base and housing
- Powers a 22" Deluxe arm and 22" Deluxe blade combination or a 20" Premier arm and 20" Deluxe blade combination
- Available in three (3) shaft lengths: 1.5" and 2.5" (includes .5" length of knurled arm fitting)
- Factory pre-set sweep angles of 80° or 110°, with easy adjustment to 45° or 60°
- Chrome plated solid brass knurled drive nut with brass and stainless steel drive shaft
- Two-speed motor
- Sealed 6" wire leads, 16 AWG
- Adjustable right or left self parking
- .625" diameter shaft (16 mm)
- Available in 12V
- Coast to park
- RF shielded circuitry
- Retail version includes 5A fuse and holder (operating switch not included)
- Measures approximately 7.75" L x 4" W x 2.75" D (see below for detailed dimensional drawings)
- Stall torque: 109 in-lbs (125 kgf/cm; 12.3 Nm)
- Stall current: 11.5A–13.0A
- No load current: 0.5A–1.2A
- *Replaces AFI 2000 motor*

**3 YEAR WARRANTY**

CE

### Related Products

**Intermittent Wiper Motor Controller**
page 70

| Description | Voltage | Sweep | Part # | OEM # |
|---|---|---|---|---|
| 1.5" Shaft | 12V | 80° | **71081** | — |
| | | 110° | **71011** | — |
| 2.5" Shaft | 12V | 80° | **71082** | 71182 |
| | | 110° | **71012** | 71112 |

16AWGX7"

– F P S

2.87" (73.0mm)

.20" (5mm)

W = 3.98" (101.0mm)

L = 7.76" (197.0mm)

.53" (13.5mm)

L = 1", 2"

M16

D = 2.77" (70.28mm)
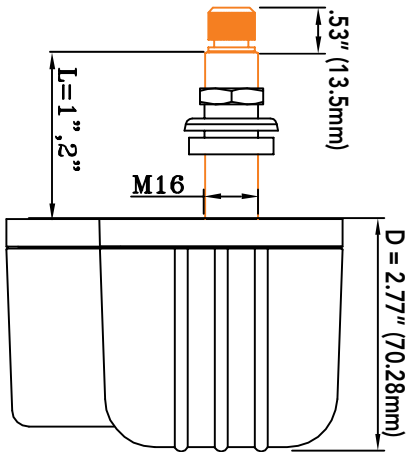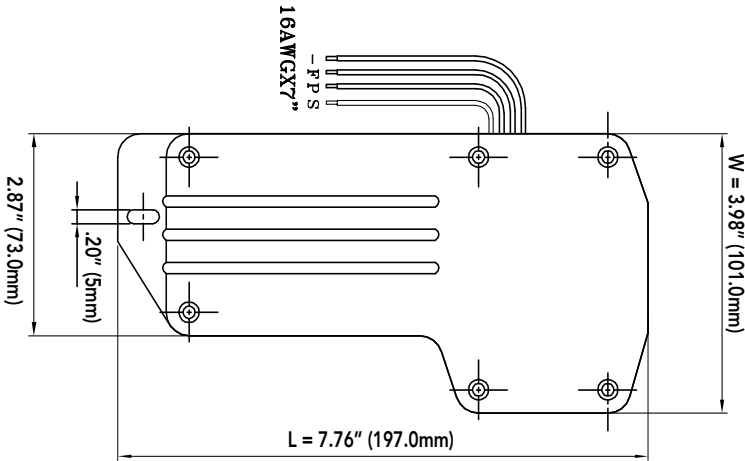
## 3000 Waterproof Wiper Motor

- Fully sealed powder coated aluminum waterproof base and housing
- Powers a 26" Deluxe arm and Deluxe blade combination or a 24" Premier arm and Deluxe blade combination
- Available in two (2) shaft lengths: 1.5" and 2.5" (includes .5" length of knurled arm fitting)
- .625" diameter shaft (16 mm)
- Factory preset sweep angles of 80° or 110°, with easy adjustment from 40° to 110° at 10° increments
- Sealed 6" wire leads, 16 AWG
- Adjustable right or left self parking
- Two-speed settings
- Retail version includes 5A fuse and holder (on/off switch not included)
- Isolated ground
- Stall torque: 159 in-lbs (183 kgf/cm; 18 Nm)
- Stall current: 10.2A–12.20A
- IP66 rated (see inside back cover)

**3 YEAR WARRANTY**

CE

| Description | Voltage | Sweep | Part # | OEM # |
|---|---|---|---|---|
| 1.5" Shaft | 12V | 80° | 83081 | 83181 |
| | | 110° | 83011 | 83111 |
| 2.5" Shaft | 12V | 80° | 83082 | 83182 |
| | | 110° | 83012 | 83112 |

### Related Products

**Intermittent Wiper Motor Controller page 70**

7.46" (189.5mm)

6.25" (158.8mm)

3.94" (100mm)

2.56" (65mm)

2.62" (66.5mm)

3.15" (80mm)

3.21" (81.5mm)

1.11" (28.1mm)

0.39" (9.8mm)

M16x1.0

2.30" (58.5mm)

## 1000 Waterproof Wiper Motor

- Powers 18" Deluxe arm and 18" Deluxe blade combination at sweep sets of 80° or less (not compatible with pantograph arms)
- Powers 16" Deluxe arm and 16" Deluxe blade combinations at a sweep set of 110° (not compatible with pantograph arms)
- Factory pre-set sweep of 80° or 110° adjustable to 50°, 65°, 80°, or 110°
- .625" diameter shaft (16 mm)
- Fully sealed waterproof housing made of UV stabilized, high-temperature, high-impact thermoplastic
- 12V heavy-duty motor with anti-rotation drive shaft
- Knurled drive shaft and solid brass arm drive nut
- Coast to park with adjustable right or left self parking
- Retail version includes 5A fuse and holder (on/off switch not included)
- RF shielded circuitry
- Weight: 1.75 lbs
- Available in two (2) shaft lengths: 1.5" and 2.5" (includes .5" length of knurled arm fitting)
- Measures approximately 6.625" L x 3.375" W x 2" D
- Stall torque: 55 in-lbs (63 kgf/cm; 6.2 Nm)
- Stall current: 9.8A–10.0A
- No load current: 0.8A–1.2A

**3** YEAR WARRANTY

CE

### Related Products

**Intermittent Wiper Motor Controller page 70**

| Description | Voltage | Sweep | Part # | OEM # |
|---|---|---|---|---|
| 1.5" Shaft | 12V | 65° | — | 36161 |
| | | 80° | 36180 | — |
| | | 110° | 36110 | 36111 |
| 2.5" Shaft | 12V | 65° | — | 37161 |
| | | 80° | 37180 | 37181 |
| | | 110° | 37110 | 37111 |
| 2.5" Shaft Kits | 12V | 80° | 37100 | — |
| | | 110° | 37200 | — |
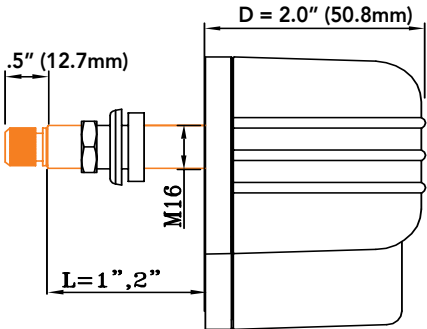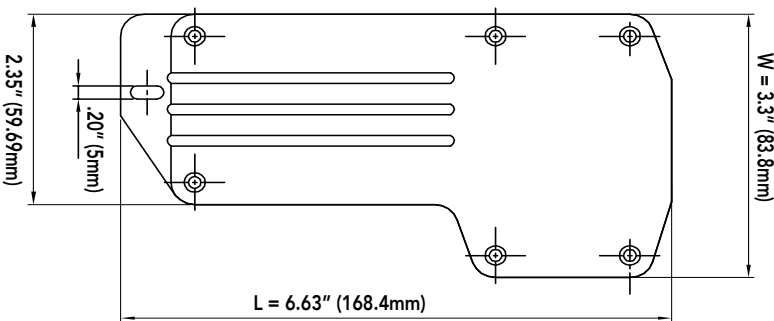
2.35" (59.69mm)

.20" (5mm)

W = 3.3" (83.8mm)

L = 6.63" (168.4mm)

D = 2.0" (50.8mm)

.5" (12.7mm)

M16

L=1", 2"

**3** YEAR WARRANTY

CE
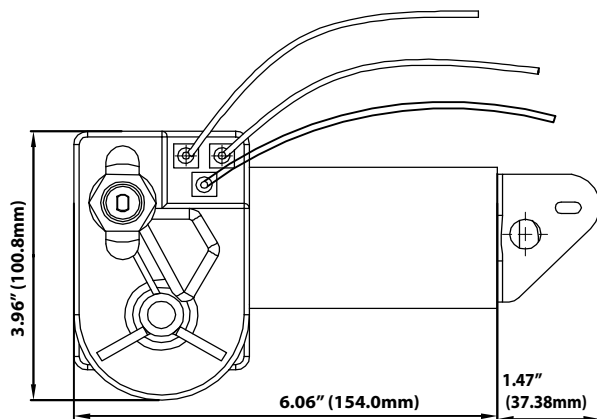
## MRV Wiper Motor

- Easily powers 22" x 22" deluxe arm/blade combinations, or a 20" x 20" premier arm/blade combination at sweep sets of 80° or less
- Factory pre-set sweep of 80° or 110° adjustable from 40° to 110° in 10° increments
- .625" diameter shaft (16 mm)
- Available in three (3) shaft lengths: 1.5", 2.5" and 3.5" (includes .5" length of knurled arm fitting)
- Corrosion-resistant casing
- Heavy-duty motor with right angle drive
- Two-speed motor, can be operated as one speed
- Solid brass knurled drive nut with brass and stainless steel drive shaft
- Adjustable right or left self parking, coast to park
- Retail version includes 5A fuse and holder
- Stainless steel fasteners and mounting bracket
- Use with three-position switch (not included)
- Compact size – 7.625" L x 4" W x 2" D
- Stall torque: 109 in-lbs (125 kgf/cm: 12.3 Nm)
- Stall current: 11.5A–13.0A
- No load current: 0.5A–1.2A

### Related Products



**Intermittent Wiper Motor Controller page 70**

| Description | Voltage | Sweep | Item# | OEM # |
|---|---|---|---|---|
| 1.5" Shaft | 12V | 80° | **34001** | **38001** |
| | | 110° | **34011** | **38011** |
| 2.5" Shaft | 12V | 80° | **34000** | **38000** |
| | | 110° | **34010** | **38010** |
| | 24V | 110° | **34210** | — |
| 3.5" Shaft | 12V | 80° | **34005** | **38005** |
| | | 110° | **34015** | — |



3.96" (100.8mm)

6.06" (154.0mm)

1.47" (37.38mm)



L = 1.5", 2.5" 3.5"

1.47" (37.38mm)

2.08" (52.8mm)

2.52" (64.0mm)

3.54" (90.0mm)
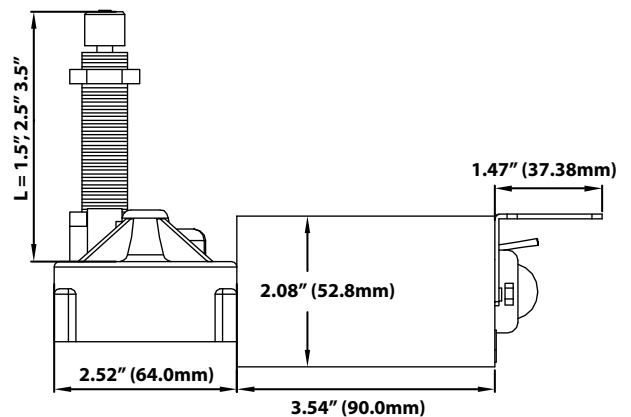


## MRV Wiper Motor Cover

- Constructed of white ABS plastic
- Easily installed

| Description | Part # | OEM # |
|---|---|---|
| White | **33025** | **33125** |

## WMW Wiper Motor

**Windshield Mount: .375" shaft diameter**

- Powers up to 14" x 14" arm/blade combinations
- Water-resistant sealed motor
- Chrome-plated brass case and shaft housing
- Stainless steel front plate and wiper shaft
- Maximum current draw: 2A
- Shaft diameter: .375"
- For external use in open cabin boats
- Dimensions: 4.25" L x 2.75" W x 3.5" D

| Description | Voltage | Sweep | OEM # |
|---|---|---|---|
| 2.5" Shaft | 12V | 110° | **35010** |
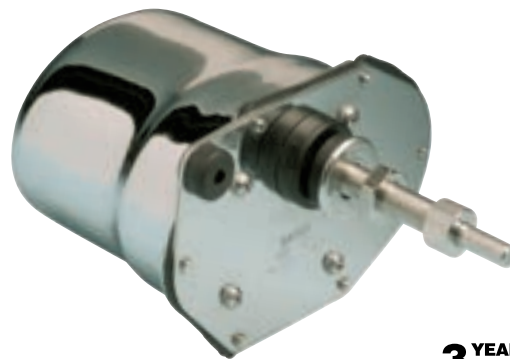
**3** YEAR WARRANTY

## STD Wiper Motor

**Windshield Mount: .375" shaft diameter**

**Deck Mount: .5" shaft diameter**

- Deck mount version includes deck mount adapter kit (33000)
- Powers up to 14" x 14" arm/blade combinations
- Corrosion-proof aluminum alloy case with black crackle finish
- Base & mounting plates are chrome plated naval brass
- Maximum current draw: 2A
- 80° or 110° adjustable sweep, adjustable right or left self-parking
- Shaft diameter: .375" windshield mount, .5" deck mount
- Dimensions: 3.875" L x 2.25" W x 3.5" D

| Description | Voltage | Sweep | Part # |
|---|---|---|---|
| 2.5" Shaft | 12V | 80° | **35040** |

**3** YEAR WARRANTY

## Intermittent Wiper Motor Controller

- Single-speed and dual-speed options
- Allows for the control of single motor systems, and synchronized control of dual motor systems
- Intuitive automotive-style functionality—features adjustable intermittent settings, adjustable continuous settings, and washer system operation
- IP67—Potted case for harsh environment durability (see inside back cover)
- Includes Contura Switch, SPDT (On)-Off-(On) (retail only)
- Easy to install with 1/4" spade connectors
- Reverse polarity protection
- Compatible with 12V and 24V DC motors

**LEARN MORE**
**Wiper Motor Controller Video**

Visit Marinco on YouTube.com

| Description | Part # | OEM # |
|---|---|---|
| Single Speed | **76090** | **76190** |
| Dual Speed | **76080** | **76180** |

76080

**3** YEAR WARRANTY

## WMW Wiper Motor Kit

**Windshield Mount: .375" shaft diameter**

- Powers up to 14" x 14" arm/blade combinations
- Water-resistant sealed motor
- Chrome-plated brass case and shaft housing
- Stainless steel front plate and wiper shaft
- Maximum current draw: 2A
- Shaft diameter: .375"
- For external use in open cabin boats
- Dimensions: 4.25" L x 2.75" W x 3.5" D

Kit includes:

- WMW wiper motor
- 11.5" Deluxe stainless steel curved blade (33004)
- Deluxe adjustable (6.75" to 10.5") stainless steel arm (33006AS)

| Description | Voltage | Sweep | Part # | OEM # |
|---|---|---|---|---|
| 2.5" Shaft | 12V | 80° | **30000** | — |
| 2.5" Shaft | 12V | 110° | **30002** | — |



**3** YEAR WARRANTY

## STD Wiper Motor Kit

**Windshield Mount: .375" shaft diameter**
**Deck Mount: .5" shaft diameter**

- Deck Mount version includes deck mount adapter kit (33000)
- Powers up to 14" x 14" arm/blade combinations
- Corrosion-proof aluminum alloy case with black crackle finish
- Base & mounting plates are chrome plated naval brass
- Maximum current draw: 2A
- 80° or 110° adjustable sweep, adjustable right or left self-parking
- Shaft diameter: .375" windshield mount, .5" deck mount
- Dimensions: 3.875" L x 2.25" W x 3.5" D

Kit includes:

- STD wiper motor (recommended for interior installations only)
- 11.5" Deluxe stainless steel curved blade (33004)
- Deluxe adjustable (6.75" to 10.5") stainless steel arm (33006AS)

| Description | Voltage | Sweep | Part # | OEM # |
|---|---|---|---|---|
| 2.5" Shaft | 12V | 80° | — | **32000** |
|  |  | 110° | — | **32002** |
| 3.5" Shaft | 12V | 80° | — | **32001** |



**3** YEAR WARRANTY

## 500 Wiper Kit

**Windshield Mount: .5" shaft diameter**

Kit includes:

- 500 Waterproof wiper motor
- 11.5" Deluxe stainless steel curved blade (33004)
- Deluxe adjustable (6.75" to 10.5") stainless steel arm (33006AS)

| Description | Voltage | Sweep | OEM # |
|---|---|---|---|
| 2.5" Shaft | 12V | 80° | **30004** |
| 2.5" Shaft | 12V | 110° | **30005** |



## Hand-operated Wiper Blade

- Chrome-plated brass handle
- Includes stainless steel 7-1/2" to 12" adjustable wiper arm, 11" blade, and all parts for installation
- Economical—an inexpensive alternative to wiper motor kit
- Requires 7/16" diameter hole for installation
- Can be installed up to 7/8" thick material
- For use on flat windshields only

| Description | Part # | OEM # |
|---|---|---|
| Full Kit | **31000** | — |
| Replacement Blade | — | **33101** |

## Wiper Arms

Wiper arms are available in Deluxe and Premier styles and the primary construction material in all wiper arms is stainless steel. The Deluxe arms are used on Standard and Heavy-Duty motors. When choosing arms (and blades) it is very important to use only the recommended lengths for the motor that you are using.

The arms are available in a wide range of sizes, in both black and stainless-steel finish, and regular and pantographic models. Pantographic arms use a set of two arms joined together to give a flatter and somewhat wider sweep pattern. The Deluxe arms are available in a polished stainless-steel finish or a black powder-coated finish. Premier arms are the top of the line product in this category, utilizing heavy-duty stainless-steel tubing and components, and they can only be used with the Heavy-Duty motors.

Premier arms are also available as "wet arm" versions, with the water hose and sprayer nozzle built into the wiper arm. All that is needed is a water delivery system that the arm can be tied into. For those wanting a windshield washer system for the Deluxe arms, there is a complete washer kit system that is made especially to fit the Deluxe arms.

### Wiper Arm Compatibility Chart

| Style | Wet/ Dry | Length (adjustable) | Color | Material | Part # | OEM # | 2.5 | 3000 | 1.5 | 1000 | MRV |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Premier** | | | | | | | | | | | |
| single | wet | 15"–20" | stainless | stainless | 33084W | 33184W | ✔ | ✔ | ✔ | — | ✔ |
| single | wet | 20"–25" | stainless | stainless | 33086W | 33186W | ✔ | ✔ | — | — | — |
| pantographic | dry | 12"–17" | stainless | stainless | 33090 | 33190 | ✔ | ✔ | ✔ | — | ✔ |
| pantographic | dry | 17"–22" | stainless | stainless | 33092 | 33192 | ✔ | ✔ | — | — | max 20" |
| pantographic | dry | 22"–26" | stainless | stainless | 33094 | 33194 | ✔ | ✔ | — | — | — |
| pantographic | wet | 12"–17" | stainless | stainless | 33090W | — | ✔ | ✔ | ✔ | — | ✔ |
| pantographic | wet | 17"–22" | stainless | stainless | 33092W | 33192W | ✔ | ✔ | — | — | max 20" ≤ 80" |
| **Deluxe Adjustable** | | | | | | | | | | | |
| single | dry | 6.75"–10.5" | stainless | stainless | 33006A | 33106A | ✔ | ✔ | ✔ | ✔ | ✔ |
| single | dry | 10"–14" | stainless | stainless | 33007A | 33107A | ✔ | ✔ | ✔ | ✔ | ✔ |
| single | dry | 14"–20" | stainless | stainless | 33010A | 33110A | ✔ | ✔ | ✔ | max 18" ≤ 80° max 16" @ 110° | ✔ |
| single | dry | 10"–14" | black | stainless | 33012A | 33112A | ✔ | ✔ | ✔ | ✔ | ✔ |
| single | dry | 14"–20" | black | stainless | 33014A | 33114A | ✔ | ✔ | ✔ | max 18" ≤ 80° max 16" @ 110° | ✔ |
| single | dry | 18"–24" | black | stainless | 33070A | 33170A | ✔ | ✔ | — | — | max 22" |
| **Deluxe Pantographic** | | | | | | | | | | | |
| pantographic | dry | 12"–17" | black | stainless | 33032A | 33132A | ✔ | ✔ | ✔ | — | ✔ |
| pantographic | dry | 17"–22" | black | stainless | 33037A | 33137A | ✔ | ✔ | ✔ | — | ✔ |

## Premier Stainless Steel Pantographic Dry Arms

- Heavy-duty component design for use with most Marinco® motors
- Stainless steel construction
- Features "articulating/ bend back" design that locks arm in upright position for windshield cleaning
- Motor shaft mount with notched teeth



**Pantographic**

| Style | Wet/Dry | Length (adjustable) | Color | Material | Part # | OEM # |
|---|---|---|---|---|---|---|
| pantographic | dry | 12"–17" | stainless | stainless | 33090 | 33190 |
| pantographic | dry | 17"–22" | stainless | stainless | 33092 | 33192 |
| pantographic | dry | 22"–26" | stainless | stainless | 33094 | 33194 |

**Pantographic wiper arms will only function properly with wiper motor sweep angles 80° or less**

## Premier Stainless Steel Wiper Wet Arms

- Heavy-duty component design for use with most Marinco® motors
- Features "articulating/ bend back" design that locks arm in upright position for windshield cleaning
- Built-in wet arm system that allows for a clean and easy installation of a washer system
- Black PVC hose runs up the center of the arm and ends in an adjustable four-nozzle fixture that is an integral part of the wiper arm itself

| Style | Wet/Dry | Length (adjustable) | Color | Material | Part # | OEM # |
|---|---|---|---|---|---|---|
| single | wet | 15"–20" | stainless | stainless | 33084W | 33184W |
| single | wet | 20"–25" | stainless | stainless | 33086W | 33186W |
| pantographic | wet | 17"–22" | stainless | stainless | 33092W | 33192W |

**Pantographic wiper arms will only function properly with wiper motor sweep angles 80° or less**

## Deluxe Adjustable Wiper Arm

- All arms are stainless steel
- Arm has "articulating/ bend-back" feature
- Motor shaft mounting has additional set screw clamping

| Style | Wet/Dry | Length (adjustable) | Color | Material | Part # | OEM # |
|---|---|---|---|---|---|---|
| single | dry | 6.75"–10.5" | stainless | stainless | 33006A | 33106A |
| single | dry | 10"–14" | stainless | stainless | 33007A | 33107A |
| single | dry | 14"–20" | stainless | stainless | 33010A | 33110A |
| single | dry | 10"–14" | black | stainless | 33012A | — |
| single | dry | 14"–20" | black | stainless | 33014A | 33114A |
| single | dry | 18"–24" | black | stainless | 33070A | 33170A |

## Deluxe Adjustable Pantographic Arm

- For Use with 2.5, 1.5 and MRV Motors
- Stainless steel
- Arm has "articulating/ bend-back" feature
- Motor shaft mounting has additional set screw clamping

| Style | Wet/Dry | Length (adjustable) | Color | Material | Part # | OEM # |
|---|---|---|---|---|---|---|
| pantographic | dry | 12"–17" | black | stainless | 33032A | 33132A |
| pantographic | dry | 17"–22" | black | stainless | 33037A | 33137A |

## Wiper Blade Selection Charts

**Step 1:** Find the type and part number of wiper arm you have along the left side of the chart.

**Step 2:** Follow along to the right until you match up with the type and length of wiper blade you want.

**Step 3:** The bold number is the part number and the lighter number is the OEM number (if available).

Deluxe Blades

| | Color/Material | Stainless/Stainless | | | | | | | | Black/Stainless | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Length | 12" | 14" | 16" | 18" | 20" | 22" | 24" | 26" | 12" | 14" | 16" | 18" |
| **Premier Wiper Arms** | **Single Arm** | | | | | | | | | | | | |
| | **33084W** 33184W wet | **34012S** 34112S | **34014S** 34114S | **34016S** 34116S | **34018S** 34118S | **34020S** 34120S | **34022S** 34122S | **34024S** 34124S | **34026S** 34126S | **34012B** 34112B | **34014B** 34114B | **34016B** 34116B | **34018B** 34118B |
| | **33086W** 33186W wet | **34012S** 34112S | **34014S** 34114S | **34016S** 34116S | **34018S** 34118S | **34020S** 34120S | **34022S** 34122S | **34024S** 34124S | **34026S** 34126S | **34012B** 34112B | **34014B** 34114B | **34016B** 34116B | **34018B** 34118B |
| | **Pantograph Arm** | | | | | | | | | | | | |
| | **33090** 33190 dry | **34012S** 34112S | **34014S** 34114S | **34016S** 34116S | **34018S** 34118S | **34020S** 34120S | **34022S** 34122S | **34024S** 34124S | **34026S** 34126S | **34012B** 34112B | **34014B** 34114B | **34016B** 34116B | **34018B** 34118B |
| | **33090W** 33190W wet | **34012S** 34112S | **34014S** 34114S | **34016S** 34116S | **34018S** 34118S | **34020S** 34120S | **34022S** 34122S | **34024S** 34124S | **34026S** 34126S | **34012B** 34112B | **34014B** 34114B | **34016B** 34116B | **34018B** 34118B |
| | **33092** 33192 dry | **34012S** 34112S | **34014S** 34114S | **34016S** 34116S | **34018S** 34118S | **34020S** 34120S | **34022S** 34122S | **34024S** 34124S | **34026S** 34126S | **34012B** 34112B | **34014B** 34114B | **34016B** 34116B | **34018B** 34118B |
| | **33092W** 33192W wet | **34012S** 34112S | **34014S** 34114S | **34016S** 34116S | **34018S** 34118S | **34020S** 34120S | **34022S** 34122S | **34024S** 34124S | **34026S** 34126S | **34012B** 34112B | **34014B** 34114B | **34016B** 34116B | **34018B** 34118B |
| | **33094** 33194 dry | **34012S** 34112S | **34014S** 34114S | **34016S** 34116S | **34018S** 34118S | **34020S** 34120S | **34022S** 34122S | **34024S** 34124S | **34026S** 34126S | **34012B** 34112B | **34014B** 34114B | **34016B** 34116B | **34018B** 34118B |
| | **33094W** 33194W wet | **34012S** 34112S | **34014S** 34114S | **34016S** 34116S | **34018S** 34118S | **34020S** 34120S | **34022S** 34122S | **34024S** 34124S | **34026S** 34126S | **34012B** 34112B | **34014B** 34114B | **34016B** 34116B | **34018B** 34118B |
| **Deluxe Wiper Arms** | **Single Arm** | | | | | | | | | | | | |
| | **33006A** 33106A dry | **34012S** 34112S | **34014S** 34114S | **34016S** 34116S | **34018S** 34118S | **34020S** 34120S | **34022S** 34122S | **34024S** 34124S | **34026S** 34126S | **34012B** 34112B | **34014B** 34114B | **34016B** 34116B | **34018B** 34118B |
| | **33007A** 33107A dry | **34012S** 34112S | **34014S** 34114S | **34016S** 34116S | **34018S** 34118S | **34020S** 34120S | **34022S** 34122S | **34024S** 34124S | **34026S** 34126S | **34012B** 34112B | **34014B** 34114B | **34016B** 34116B | **34018B** 34118B |
| | **33010A** 33110A dry | **34012S** 34112S | **34014S** 34114S | **34016S** 34116S | **34018S** 34118S | **34020S** 34120S | **34022S** 34122S | **34024S** 34124S | **34026S** 34126S | **34012B** 34112B | **34014B** 34114B | **34016B** 34116B | **34018B** 34118B |
| | **33012A** 33112A dry | **34012S** 34112S | **34014S** 34114S | **34016S** 34116S | **34018S** 34118S | **34020S** 34120S | **34022S** 34122S | **34024S** 34124S | **34026S** 34126S | **34012B** 34112B | **34014B** 34114B | **34016B** 34116B | **34018B** 34118B |
| | **33014A** 33114A dry | **34012S** 34112S | **34014S** 34114S | **34016S** 34116S | **34018S** 34118S | **34020S** 34120S | **34022S** 34122S | **34024S** 34124S | **34026S** 34126S | **34012B** 34112B | **34014B** 34114B | **34016B** 34116B | **34018B** 34118B |
| | **33070A** 33170A dry | **34012S** 34112S | **34014S** 34114S | **34016S** 34116S | **34018S** 34118S | **34020S** 34120S | **34022S** 34122S | **34024S** 34124S | **34026S** 34126S | **34012B** 34112B | **34014B** 34114B | **34016B** 34116B | **34018B** 34118B |
| | **Pantograph Arm** | | | | | | | | | | | | |
| | **33032A** 33132A dry | **34012S** 34112S | **34014S** 34114S | **34016S** 34116S | **34018S** 34118S | **34020S** 34120S | **34022S** 34122S | **34024S** 34124S | **34026S** 34126S | **34012B** 34112B | **34014B** 34114B | **34016B** 34116B | **34018B** 34118B |
| | **33037A** 33137A dry | **34012S** 34112S | **34014S** 34114S | **34016S** 34116S | **34018S** 34118S | **34020S** 34120S | **34022S** 34122S | **34024S** 34124S | **34026S** 34126S | **34012B** 34112B | **34014B** 34114B | **34016B** 34116B | **34018B** 34118B |

**Pantographic wiper arms will only function properly with wiper motor sweep angles 80° or less**

# Wiper Blades

Deluxe and Hybrid wiper blades are offered in different sizes and styles to fit all the different types of wiper arms. Standard styles have plastic frame construction and marine grade rubber squeegees.

Deluxe blades have stainless steel frame construction and high-end silicone rubber squeegees. This style has a multiple frame construction, allowing for equal pressure of the entire length of the blade and silicone rubber squeegees that are durable and create a smoother wiping motion.

Hybrid blades are designed from a multi-material construction of an electro coated galvanized steel frame, with a durable polycarbonate shell. This along with a graphite-coated natural rubber squeegee make this an excellent marine grade construction.

For maximum performance of all blade styles, replacement of wiper blades is recommended every 6 months.

| Deluxe Blades (cont) Black/Stainless (cont) | | | | Hybrid Blades Black/Polymer | | | | | | |
| 20" | 22" | 24" | 26" | 12" | 14" | 16" | 18" | 20" | 22" | 24" |
|---|---|---|---|---|---|---|---|---|---|---|
| 34020B 34120B | 34022B 34122B | 34024B 34124B | 34026B 34126B | 32012B 32112B | 32014B 32114B | 32016B 32116B | 32018B 32118B | 32020B 32120B | 32022B 32122B | 32024B 32124B |
| 34020B 34120B | 34022B 34122B | 34024B 34124B | 34026B 34126B | 32012B 32112B | 32014B 32114B | 32016B 32116B | 32018B 32118B | 32020B 32120B | 32022B 32122B | 32024B 32124B |
| 34020B 34120B | 34022B 34122B | 34024B 34124B | 34026B 34126B | 32012B 32112B | 32014B 32114B | 80° only | 80° only | 80° only | | |
| 34020B 34120B | 34022B 34122B | 34024B 34124B | 34026B 34126B | 32012B 32112B | 32014B 32114B | 80° only | 80° only | 80° only | | |
| 34020B 34120B | 34022B 34122B | 34024B 34124B | 34026B 34126B | 32012B 32112B | 32014B 32114B | 32016B 32116B | 32018B 32118B | 32020B 32120B | 32022B 32122B | 80° only |
| 34020B 34120B | 34022B 34122B | 34024B 34124B | 34026B 34126B | 32012B 32112B | 32014B 32114B | 32016B 32116B | 32018B 32118B | 32020B 32120B | 32022B 32122B | 80° only |
| 34020B 34120B | 34022B 34122B | 34024B 34124B | 34026B 34126B | 32012B 32112B | 32014B 32114B | 32016B 32116B | 32018B 32118B | 32020B 32120B | 32022B 32122B | 32024B 32124B |
| 34020B 34120B | 34022B 34122B | 34024B 34124B | 34026B 34126B | 32012B 32112B | 32014B 32114B | 32016B 32116B | 32018B 32118B | 32020B 32120B | 32022B 32122B | 32024B 32124B |
| 34020B 34120B | 34022B 34122B | 34024B 34124B | 34026B 34126B | 32012B 32112B | 32014B 32114B | 32016B 32116B | | | | |
| 34020B 34120B | 34022B 34122B | 34024B 34124B | 34026B 34126B | 32012B 32112B | 32014B 32114B | 32016B 32116B | 32018B 32118B | 32020B 32120B | | |
| 34020B 34120B | 34022B 34122B | 34024B 34124B | 34026B 34126B | 32012B 32112B | 32014B 32114B | 32016B 32116B | 32018B 32118B | 32020B 32120B | 32022B 32122B | 32024B 32124B |
| 34020B 34120B | 34022B 34122B | 34024B 34124B | 34026B 34126B | 32012B 32112B | 32014B 32114B | 32016B 32116B | 32018B 32118B | 32020B 32120B | | |
| 34020B 34120B | 34022B 34122B | 34024B 34124B | 34026B 34126B | 32012B 32112B | 32014B 32114B | 32016B 32116B | 32018B 32118B | 32020B 32120B | 32022B 32122B | 32024B 32124B |
| 34020B 34120B | 34022B 34122B | 34024B 34124B | 34026B 34126B | 32012B 32112B | 32014B 32114B | 32016B 32116B | 32018B 32118B | 32020B 32120B | 32022B 32122B | 32024B 32124B |
| 34020B 34120B | 34022B 34122B | 34024B 34124B | 34026B 34126B | 32012B 32112B | 32014B 32114B | 32016B 32116B | 32018B 32118B | 32020B 32120B | | |
| 34020B 34120B | 34022B 34122B | 34024B 34124B | 34026B 34126B | 32012B 32112B | 32014B 32114B | 32016B 32116B | 32018B 32118B | 32020B 32120B | 32022B 32122B | 32024B 32124B |

## Deluxe Stainless Steel Wiper Blades

- Works well on curved or flat windshields
- All stainless steel construction
- Marine grade silicone squeegee

| Length | Color | Material | Part # | OEM # |
|--------|-------|----------|--------|-------|
| 12" | stainless | stainless | **34012S** | **34112S** |
| 14" | stainless | stainless | **34014S** | **34114S** |
| 16" | stainless | stainless | **34016S** | **34116S** |
| 18" | stainless | stainless | **34018S** | **34118S** |
| 20" | stainless | stainless | **34020S** | **34120S** |

| Length | Color | Material | Part # | OEM # |
|--------|-------|----------|--------|-------|
| 22" | stainless | stainless | **34022S** | **34122S** |
| 24" | stainless | stainless | **34024S** | **34124S** |
| 26" | stainless | stainless | **34026S** | **34126S** |

| Length | Color | Material | Part # | OEM # |
|--------|-------|----------|--------|-------|
| 12" | black | stainless | **34012B** | **34112B** |
| 14" | black | stainless | **34014B** | **34114B** |
| 16" | black | stainless | **34016B** | **34116B** |
| 18" | black | stainless | **34018B** | **34118B** |
| 20" | black | stainless | **34020B** | **34120B** |

| Length | Color | Material | Part # | OEM # |
|--------|-------|----------|--------|-------|
| 22" | black | stainless | **34022B** | **34122B** |
| 24" | black | stainless | **34024B** | **34124B** |
| 26" | black | stainless | **34026B** | **34126B** |

## Hybrid Wiper Blades

Hybrid Multi-Material Construction. Electro coated galvanized steel frame, with durable polycarbonate shell.

- Designed for maximum flexibility to conform to all windshield shapes
- Marine grade construction will not rust or corrode
- Graphite-coated natural rubber squeegee for optimal wipe quality and durability
- Streamlined shape for reduced wind-lift
- Performance-tested to 500,000 cycles

Durable polycarbonate shell

Electro coated galvanized steel frame

Graphite-coated natural rubber
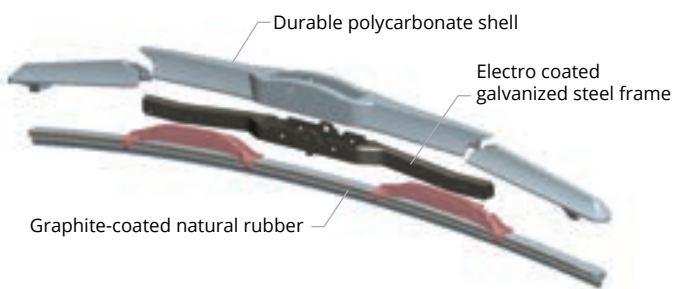
| Length | Color | Material | Part # | OEM # |
|--------|-------|----------|--------|-------|
| 12" | black | hybrid | **32012B** | **32112B** |
| 14" | black | hybrid | **32014B** | **32114B** |
| 16" | black | hybrid | **32016B** | **32116B** |
| 18" | black | hybrid | **32018B** | **32118B** |
| 20" | black | hybrid | **32020B** | **32120B** |

| Length | Color | Material | Part # | OEM # |
|--------|-------|----------|--------|-------|
| 22" | black | hybrid | **32022B** | **32122B** |
| 24" | black | hybrid | **32024B** | **32124B** |

## Classic Stainless Steel Straight Wiper Blades

- Replaces most standard blades in boats made before 1990
- Hook and catch style

| Length | Color | Material | Part # |
|--------|-------|----------|--------|
| 11" | stainless | stainless | **33901** |
| 14" | stainless | stainless | **33919** |

**Note: NOT for use with currently offered arms**

# Add-On Windshield Washer Kits

- Can be used on new or existing Deluxe wiper arm and blade sets
- Kit includes parts to outfit two (2) wiper arms
- Sprayer fittings (kit includes two) each have four (4) adjustable brass nozzles to provide maximum spray coverage for most any windshield
- Plastic parts are numbered to make installation easy

## Complete Kit

Includes:

- Water tank with mounting bracket
- 12V pump motor
- Under deck tee fitting
- Thru deck fitting and hardware
- Below deck clear tubing (16')
- Above deck black tubing (6')
- Large and small rivet clips
- Wiper arm clips
- Sprayer fittings with clamps

| Description | Part # | OEM # |
|---|---|---|
| Complete Kit | 33505 | 33515 |
| Below Deck | — | 33513 |
| Above Deck | — | 33517 |

## Below Deck Kit

Includes:

- Water tank with mounting bracket
- 12V pump motor
- Under deck tee fitting
- Thru deck fitting and hardware
- Below deck clear tubing (16')

### Above Deck Kit for One Small Arm

Includes:

- Small rivet clip
- Wiper arm clips
- Sprayer fitting with narrow clamp
- Thru deck fitting
- Above deck black tubing (6')

# Intelligent Wiper Switch

Microcontroller based "intelligent" switch provides all necessary wiper motor functions in one small component.

- Settings for two (2) continuous speed functions and three (3) intermittent speed functions (2-, 4-, or 8-second delay)
- Washer system operation function
- Blinking LED lights in switch indicate operating function
- Works with 12V or 24V DC motors
- Fits standard switch size openings, requires 2.65"/67.5 mm depth
- Includes one (1) ten pole connector with female pins and two (2) female quick-connects

| Description | Part # | OEM # |
|---|---|---|
| Single Motor | 76030 | 76130 |

# HORNS

## Hidden Horns

**81**

Marinco®, the inventor of the first below-deck horn offers a complete line of below deck horn products.

## Compact Horns

**89**

Marinco compact electric horns feature a low profile design and a lower frequency which provides a deeper sound.

## Electric Trumpet Horns
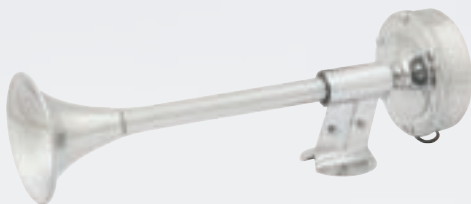
**86**

Classic design electric trumpet horns feature a lower frequency which provides a deeper sound.

## Air Trumpet Horns

**87**

Classic design, featuring solid brass construction with a non-corrosive LEXAN polycarbonate diaphragm.

# Marinco® Horns

Marinco is the leading supplier of horns to the marine industry, with over fifty years of experience in designing and manufacturing sound devices specifically for use in harsh marine environments. Stainless steel is used for all critical components such as trumpets, motor cover, diaphragms, and assembly and mounting hardware. In the case of the XLP trumpet horns, the horn is given extra protection through the complete over-molding of the internal motor cover housing. It is this extra process that provides the added protection needed to back up the five-year warranty.

Marinco offers a complete line of marine horn products designed to meet almost any need, including electric and air trumpet horns, compact horns, electric and air below deck horns, and a comprehensive line of drop-in horns with a wide assortment of grill options. After developing the first below deck horn for the marine industry in the late 1980's, the offering of that product line has continued to expand.

- **Meets the ABYC Regulation #A23 for boats up to 12 meters**
- **Meets the U.S. Coast Guard's C.O.L.R.E.G.S. and U.S. Inland Navigation Rules, Annex III Regulations for boats up to 20 meters**
- **Listed in the NMMA's Certification Program Type Accepted**
- **Horns are set at a lower frequency to provide greater range as the sound travels across the water**

## Marinco Horn Relative Loudness Comparison Chart
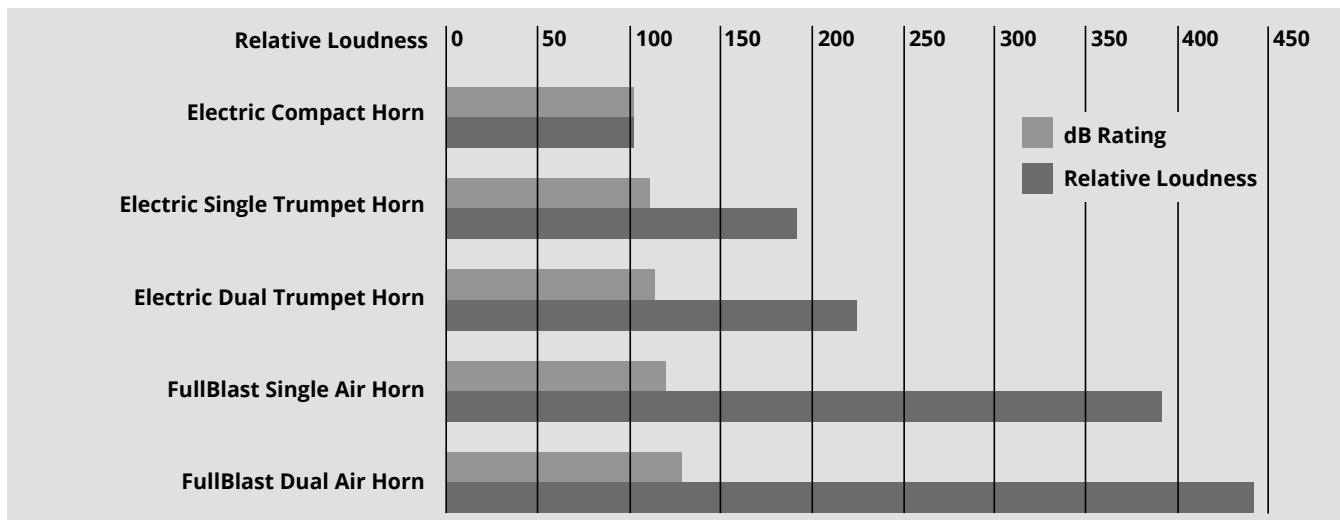


## TECH TIP

### EMI and Horns

In order to operate, an electric horn rapidly makes and breaks an electric circuit. This operation creates electromagnetic disturbance, which may cause electrical "noise" in communications equipment. Because a horn is only used temporarily, any interference in electronic equipment is stopped when the horn is turned off.

The International Marine Certification Institute (IMCI), which certifies boats to the European Community Regulations (CE), has determined that boats using electric horns can comply with CE requirements on electromagnetic compatibility provided the above message is given to the boat owners in their manual.

Marinco®, the inventor of the first below deck horns, offers a full line of below deck horn products. Concealed horns utilize an upright horn installation and a large grill opening to offer greater sound volume. Drop-in Hidden Horns use a fabric lined grill for water-resistant installations. The concealed trumpet horns are all air horns and provide the maximum amount of sound available in a below deck horn installation.

Marinco's Drop-in Hidden Horns combine a number of desired features into one unit including:
• Simple, drop-in installation
• Stylish snap-on grill with water-resistant fabric
• Authentic marine sound
• Easy aftermarket retrofit

**Important: Please note the space requirement dimensions on some of the below deck models to ensure there is adequate room on the interior of the mounting area to house the horn assembly. Concealed horn models require a minimum 45° mounting angle to ensure proper drainage.**

## Low Profile Hidden Horn

### With Black and White Grills
• New louder dB(A) rating: 111 at one meter
• Fundamental frequency: 360±20Hz
• 12V DC
• Easy installation: 2.75" diameter hole x 1" deep
• Maximum amp draw: 4A
• Comes with both white ASA and black ABS screw-in grills
• Grills have water resistant fabric liners
• Mounts from the outside, grill screws on for easy install
• Easy retrofit

**Part #    10080**

(( **Lower Frequency for a Deeper Sound** ))

### Without Grill
• Same as 10080 without grill
• When purchasing bulk version, grill must be ordered separately

**OEM #    11080**

## Grills for Low Profile Hidden Horn
• Water resistant fabric liner
• Screw-in
• 4" from hole to hole

| Type | Color | Vertical Style OEM # | Horizontal Style OEM # | Dimensions |
|------|-------|----------------------|------------------------|------------|
| Screw-in | White ASA | **11080SC-W** | **11187** | 5.25" x 3.375" x .75" |
| | Black ABS | **11080SC-B** | **11188** | 5.25" x 3.375" x .75" |
| | Stainless Steel | **11080SC-SS** | — | 5.25" x 3.375" x .75" |

Vertical Style ASA/ABS
11080SC-B

Vertical Style Stainless Steel
11080SC-SS

Horizontal Style
11187

## Stainless Steel Grill Cover
• Horizontal style grill design
• Installs over plastic horizontal style grills (11187, 11194, or 11188)
• Installation requires plastic grill
• Grill dimensions: 5.3125" W x 3.4375" H x .875" D

**OEM #    11196**    Stainless steel grill
**OEM #    11096**    Kit (includes: stainless steel grill cover and plastic screw-in grill (11187)

# Drop-in Hidden Horns

## With Black and White Grills

- dB(A) rating: 107 at one meter
- Fundamental frequency: 370±20Hz
- 12V DC
- Internal space requirements: 2" H x 3.375" W x 3.25" D
- Maximum amp draw: 4A
- Comes with both black ABS and white ASA snap-in grills
- Distinctive marine horn sound
- Enclosed sound unit
- Easy installation or retrofit, mounts from the outside

**Part #** **10079**

## Enclosed without Grill

- Same as 10079 without grill
- When purchasing 11079, grill must be ordered separately

**OEM #** **11079**

(( **Lower Frequency for a Deeper Sound** ))

## Without Grill

- dB(A) rating: 105 at one meter
- Fundamental frequency: 430±20Hz
- 12V DC
- Internal space requirements: 2.25" H x 3.625" W x 3.5" D
- Maximum amp draw: 3A
- Mounts from the outside, horn grill snaps on for easy installation
- Easy retrofit
- Grill must be ordered separately

**OEM #** **11095**

## Grills for Drop-in Hidden Horns

- Water resistant fabric liner
- Choose between snap-in or screw-in.
- 4" from hole to hole

Vertical Style ASA/ABS

Vertical Style Stainless Steel

| Type | Color | Vertical Style OEM # | Horizontal Style OEM # | Dimensions |
|------|-------|----------------------|------------------------|------------|
| Snap-In | White ASA | **11079SN-W** | **11090** | 5" x 2.625" x .5" |
| | Black ABS | **11079SN-B** | **11091** | 5" x 2.625" x .5" |
| | Chrome Plated ABS | — | **11225** | 5" x 2.625" x .5" |
| Screw-In | White ASA | **11079SC-W** | **11190** | 5" x 2.625" x .5" |
| | Black ABS | **11079SC-B** | **11191** | 5" x 2.625" x .5" |
| | Chrome Plated ABS | — | **11226** | 5" x 2.625" x .5" |
| | Stainless Steel | **11079SC-SS** | — | 5" x 2.625" x .5" |

Horizontal Style

## Stainless Steel Grill Cover

- Installs over screw-in plastic grill
- Requires plastic screw-in grill for installation
- Grill dimensions: 5.0625 W x 2.75 H x .5 D

**OEM #** **11124** Stainless steel grill

## Under Deck Horn

- dB(A) rating: 110 at one meter
- Fundamental frequency: 420±20Hz
- 12V DC
- Dimensions: 4" W x 3.625" H x 5.75" L
- Permanently mounted grill to protect against water intrusion
- Available without 2-way weather pack connector pigtail

**OEM #    11045**    Horn without Pigtail

(( **Lower Frequency for a Deeper Sound** ))

Pigtail not included

## Mini Hidden Horn

- dB(A) rating: 105 at one meter
- Fundamental frequency: 430±20Hz
- 12V DC
- Dimensions: 3.25" W x 1.75" H x 3" L
- Maximum amp draw: 3A
- Type 304 stainless steel diaphragm
- This horn is not designed for installation in exposed areas

**Part #    10031**
**OEM #    11031**

(( **Lower Frequency for a Deeper Sound** ))

## With Grill Bracket

- Same horn motor as 11031 but includes grill mounting bracket
- Grill must be ordered separately

**OEM #    11034**

## Grills for Mini Hidden Horn 11034

- Screw-In
- Black ABS version includes gasket for watertight seal
- 4" from hole to hole

| Type | Color | Horizontal Style OEM # | Dimensions |
|------|-------|------------------------|------------|
| Screw-In | Black ABS | **11168** | 5" x 2.625" x .375" |
| | Stainless Steel | **11088** | 5" x 2" x .25" |

Horizontal Style
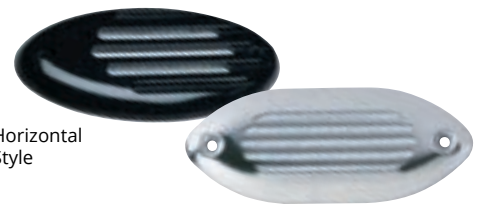
## Electronic Horn

### With White Grill

- 107 dB(A) at one meter
- Fundamental frequency: 550±100Hz
- 12V DC
- Internal space requirements: 2.25" W x 2.25" H x 2" D
- Grill dimensions: 4.875" W x 2.75" H x .5"D
- Draws less than one amp, maximum draw: 0.8A
- Electronic piezo horn sound
- One piece water resistant housing, grill is molded to horn
- Mounts in a standard 2.25" opening
- Stainless steel grill cover 11185 sold separately

**Part #**   **10082**

### Stainless Steel Grill Cover for Electronic Horn 10082

- Grill dimensions: 4.9375" W x 2.8125" H x .5" D
- 4" from hole to hole

**OEM #**   **11185**

## Concealed Single Mini Air Horn

- dB rating: 126 at one meter, 1/3 octave band
- Fundamental frequency: 630±15Hz
- 12V DC
- Internal space requirements: 13" H x 5" W x 3.75" D
- Air compressor dimensions: 2.625" D x 5" L
- Maximum amp draw: 20A
- Solid brass construction
- Includes compressor, air tubing, fittings, and hardware
- Grill must be ordered separately

**OEM #**   **11059**

### Stainless Steel Grill for 11059

- Dimensions: 4.6875" H x 4.6875" W

**OEM #**   **11064**

## Concealed Dual Trumpet Air Horn

- dB rating: 121 at one meter, 1/3 octave band
- Fundamental frequency: 375±15/315±15Hz
- 12V DC
- Internal space requirements: 10" W x 18.5" H x 3.75" D
- Air compressor dimensions: 5" L x 2.625" D
- Maximum amp draw: 20A
- Solid brass construction
- Can be mounted side by side with dual grill 11066 or separately with two single grills 11064
- Includes compressor, air tubing, fittings, and hardware

**OEM #**   **11058**

### Stainless Steel Grill for 11058

- Dimensions: 9.375" W x 4.6875" H

**OEM #**   **11066**

## MiniBlast™ Compact Electric Horns

- dB(A) rating: 106 at one meter (3 feet)
- Fundamental frequency: 430±20Hz
- 12V DC
- Dimensions: 4.375" L x 3.375" W x 2" H
- Maximum amp draw: 3A
- Long lasting, non-corrosive ASA plastic cover
- Sealed sound unit with stainless steel diaphragm
- Mounts in same hole pattern as the 10035 horn

White    **Part #**    **10099**
Black    **Part #**    **10098**    **OEM #**    **11098**

**10099**

**10098**

(( **Lower Frequency for a Deeper Sound** ))
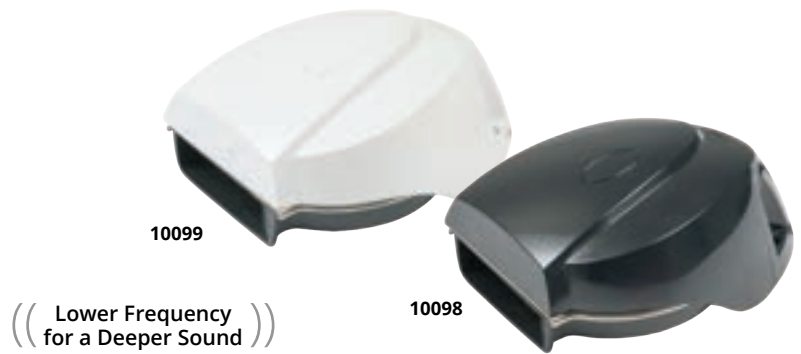
## Mini Compact Electric Horn

- dB(A) rating: 106 at one meter
- Fundamental frequency: 430±20Hz
- 12V DC
- Dimensions: 3" L x 3.25" W x 1.75" H
- Maximum amp draw: 3A
- Totally sealed sound unit
- Type 304 stainless steel cover, diaphragm, mounting bracket

**Part #**    **10035**
**OEM #**    **11035**

(( **Lower Frequency for a Deeper Sound** ))

## Mini Twin Electric Horn

- dB(A) rating: 109 at one meter
- Fundamental frequency: 490±20/430±20Hz
- 12V DC
- Dimensions: 3" L x 8" W x 1.75" H
- Maximum amp draw: 6A
- Type 304 stainless steel covers, diaphragms, and mounting bracket

**Part #**    **10001**

(( **Lower Frequency for a Deeper Sound** ))

## International Shorty Horn

- dB(A) rating: 123 at one meter
- Fundamental frequency: 310±20 Hz
- 12V DC
- Dimensions: 4.25" L x 5" W x 6.5" H
- Maximum amp draw: 4A
- Stainless steel diaphragm and mounting bracket
- ABS, triple chrome-plated housing

**Part #**    **10036**

## Single Trumpet Electric Horn

- dB(A) rating: 118 at one meter
- Fundamental frequency: 370±20Hz
- Dimensions: 16.5" L x 4" W x 4.75" H
- Maximum amp draw: 5A
- 100% stainless steel exterior
- Type 304 stainless steel diaphragm

| 12V | Part # | 10028XLP | OEM # | 11028XLP | |
| 24V | Part # | 10017XL | OEM # | 11017XLP | Max amp draw: 2.5A |

((  **Lower Frequency**
**for a Deeper Sound**  ))

**5** YEAR
WARRANTY

## Dual Trumpet Electric Horn

- dB(A) rating: 123 at one meter
- Fundamental frequency: 370±20/310±20Hz
- Dimensions: 18.5" L x 8" W x 5" H
- Maximum amp draw: 10A
- 100% stainless steel exterior
- Type 304 stainless steel diaphragm

| 12V | Part # | 10029XLP | OEM # | 11029XLP | |
| 24V | Part # | 10018XL | OEM # | 11018XLP | Max amp draw: 2.5A |

**5** YEAR
WARRANTY

## Compact Single Trumpet Electric Horn

- dB(A) rating: 110 at one meter
- Fundamental frequency: 420±20Hz
- 12V DC
- Dimensions: 14" L x 3.5" W x 4" H
- Maximum amp draw: 3.5A
- Compact design makes it easier to install in smaller spaces
- 100% stainless steel exterior
- Type 304 stainless steel diaphragm

**Part #** **10010**

((  **Lower Frequency**
**for a Deeper Sound**  ))

## Compact Dual Trumpet Electric Horn

- dB(A) rating: 115 at one meter
- Fundamental frequency: 420±20/370±20Hz
- 12V DC
- Dimensions: 16" L x 7.5" W x 4" H
- Maximum amp draw: 7A
- Compact design makes it easier to install in smaller spaces
- 100% stainless steel exterior
- Type 304 stainless steel diaphragm

**Part #** **10011**

All of our air horns produce sound levels ranging between 120dB and 127dB, which means all of our air horns meet the ABYC and NMMA regulations for boats up to 20 meters/66 feet. Both 12V and 24V compressors are CE listed.

## Single Trumpet Mini Air Horns

- dB rating: 126 at one meter, 1/3 octave band
- Fundamental frequency: 630±15Hz
- Dimensions: 9.5" L x 3.5" W x 3.5" H
- Maximum amp draw: 20A (12V DC)
- Solid brass construction with non-corrosive LEXAN® polycarbonate diaphragm
- Includes compressor, air tubing, fittings, and hardware

| | | | |
|---|---|---|---|
| Chrome Plated | Part # 10107 | OEM # 11107 | Horn Only # 11117 |
| White Epoxy Coated | Part # 10104 | OEM # 11114 | |

Air Compressor included

## Dual Trumpet Mini Air Horns

- dB(A) rating: 127 at one meter, 1/3 octave band
- Fundamental frequency: 630±15/525±15Hz
- Dimensions: 9.5" L x 5" W x 3.75" H
- Maximum amp draw: 20A (12V DC)
- Solid brass construction with non-corrosive LEXAN® polycarbonate diaphragm
- Includes compressor, air tubing, fittings, and hardware

Chrome Plated             Part # 10108

Air Compressor included

## Single Trumpet Air Horns

- dB rating: 120 at one meter, 1/3 octave band
- Fundamental frequency: 315±15Hz
- Dimensions: 17" L x 3.75" W x 3.75" H
- Maximum amp draw: 20A (12V DC), 10A (24V DC)
- Solid brass construction with non-corrosive LEXAN® polycarbonate diaphragm
- Includes compressor, air tubing, fittings, and hardware

| | |
|---|---|
| 12V | Part # 10105 |
| 24V | Part # 10524 |
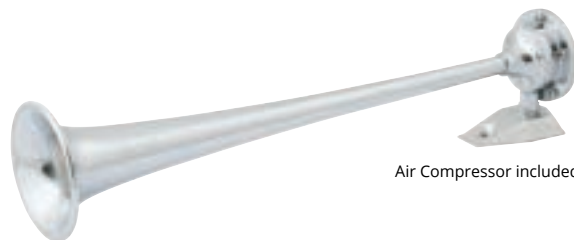
Air Compressor included

## Dual Trumpet Air Horns

- dB rating: 121 at one meter, 1/3 octave band
- Fundamental frequency: 375±15/315±15Hz
- Dimensions: 17" L x 7" W x 3.75" H
- Maximum amp draw: 20A (12V DC), 10A (24V DC)
- Solid brass construction with non-corrosive LEXAN® polycarbonate diaphragm
- Includes compressor, air tubing, fittings, and hardware

| | | |
|---|---|---|
| 12V, Chrome Plated | Part # 10106 | OEM # 11106 |
| 12V, White Epoxy Coated | Part # 10122 | |
| 24V, Chrome Plated | Part # 10624 | |
| 24V, White Epoxy Coated | Part # 12224 | OEM # 22224 |
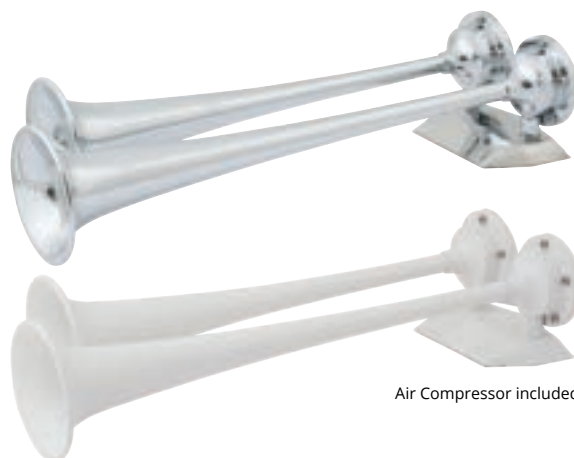
## Air Compressor

- Replacement compressor fits all Marinco® and AFI™ Air Horns
- Maximum amp draw: 20A (12V DC), 10A (24V DC)
- Produces 9–11 PSI
- Dimensions: 2.625" D x 5" L
- Includes mounting bracket

| | |
|---|---|
| 12V | OEM # 10102 |
| 24V | OEM # 10224 |

Air Compressor included

CE

LEXAN® is a registered trademark of Sabic Innovative Plastics IP B.V., Netherlands

# LIGHTING

### Precision Wireless Controlled Spotlight

**90**

Controlled by wireless remote control. Provides 370° sweep and 120° tilt. Designed for harsh marine environments, it is moisture, salt, and vibration resistant.

### IP67 Stainless Steel Spot/Floodlight

**91**

Wireless remote communication. Stainless steel construction.

### 5" Stainless Steel Spot/Floodlight

**92**

Remote control / joystick operated stainless steel construction.

### IP67 Stainless Steel Spot/Floodlight

**91**

Features a 7", 12 LED array, and IP67 stainless construction. Creates approx. three times concentrated spot diameter while drawing roughly half the power of comparable halogen spotlights. Wireless communication using mounted bridge or hand held remote.

### Deck Lamps

**93**

State-of-the-art free form lens reflector technology allows for 30% more light output than comparable 55W lamps.

### Docking Lights

**93**

Compact flush mount docking lights for a variety of applications.

Proper lighting is necessary for safety and operational activities aboard vessels.

# Precision Wireless Controlled Spotlight

- Universal 12V/24V circuit with bright 100W, H3 halogen bulb
- UV resistant, IP56 Weatherproof ABS housing and Lexan® lens
- O-ring sealed housing, designed for the harsh marine environment – moisture, salt, shock and vibration tested
- Universal snap-in mounting system (can be mounted upside down)
- Super-quiet, all-weather motor with limit stops provides a full range of coverage
- 370° sweep and 120° tilt (75° up and 45° down)
- One-touch auto sweep and S.O.S. function
- Wireless dash mount remote standard; (hard wired & handheld remotes are optional)
- Three-year limited warranty
- Available in white, black and chrome

**3** YEAR WARRANTY

| | |
|---|---|
| Bulb: | 100 Watt, H3 Halogen |
| Power (Input voltage): | 12V or 24V |
| Current draw (idle/in use): | 0.03A / 7.0A |
| Peak Beam Intensity: | 210,000 Cp |
| Peak Beam Distance: | 917 ft (280 m) |
| Lux @ 66' (20 m): | 525 Lux |
| Coverage at 66' (20 m): | 132 sq ft (12 sq m) |
| Rotation: | 370° (built in limit stops) |
| Tilt: | 120° Tilt (75° up & 45° down) |
| Wireless range: | 200 ft (65 m) |
| Dimensions: | 7.5"W x 7.5"H x 9.25"D (19 x 19 x 23.5 cm) |
| Weight: | 3.30 lbs (1.5 kg) |
| Housing material: | UV resistant PC/ASA |
| Lens material: | UV resistant Lexan® |
| operating temp range: | 5°F–113°F (-15°C–45°C) |
| IP Rating: | IP56  (see inside back cover) |

## Spotlights

| Description | Color | Part # | OEM # |
|---|---|---|---|
| 12V/24V, 100 Watt | white | **SPL-12W** | — |
| 12V/24V, 100 Watt | black | **SPL-12B** | — |
| 12V/24V, 100 Watt | chrome | **SPL-12C** | — |
| 12V, 100 Watt | white | — | **SPL-12W.OEM** |
| 12V, 100 Watt | black | — | **SPL-12B.OEM** |
| 12V, 100 Watt | chrome | — | **SPL-12C.OEM** |
| 24V, 100 Watt | white | — | **SPL-24W.OEM** |
| 24V, 100 Watt | black | — | **SPL-24B.OEM** |
| 24V, 100 Watt | chrome | — | **SPL-24C.OEM** |

## Replacement Bulbs

| Description | Part # |
|---|---|
| 12V, H3 Halogen | **202319** |
| 24V, H3 Halogen | **202320** |

## Remote Options

| Part # | SPLR-2  (Included) | SPLR-1 (optional) | SPLR-3 (optional) |
|---|---|---|---|
| **Remote Specifications** | Wireless Communication Bridge Remote | Hand Held Bridge Remote | Wired Bridge Remote |
| **Power** | 12V or 24V (hard wired) | CR2450 button cell battery | 12V or 24V (hard wired) |
| **Current draw (idle / in use)** | negligible | negligible | negligible |
| **Wireless range** | 200 ft (65m) | 200 ft (65m) | — |
| **Estimated battery life** | — | > 40 hours (continuous use) | — |
| **Dimensions** | 3.5"W x 2.25"H x .75"D 88 x 57 x 19 mm | 2.0"W x 3.78"H x 1"D 51 x 96 x 25 mm | 3.5"W x 2.25"H x .75"D 88 x 57 x 19 mm |
| **Weight** | 2.12 oz (60g) | 2.82 oz (80g) | 2.12 oz (60g) |
| **Housing material** | UV resistant PC/ASA | UV resistant PC/ASA | UV resistant PC/ASA |
| **Button material** | Silicone (glow in the dark) | Silicone (glow in the dark) | Silicone (glow in the dark) |
| **Operating temp range** | 5°F–113°F (-15°C–45°C) | 5°F–113°F (-15°C–45°C) | 5°F–113°F (-15°C–45°C) |
| **IP Rating** | IP53  (see inside back cover) | IP54  (see inside back cover) | IP53  (see inside back cover) |

# IP67 Halogen Stainless Steel Spot/Floodlight

- Wireless remote communication
- 316 stainless steel base, 304 stainless steel head
- 350° horizontal, 60° vertical two speed movement

| | |
|---|---|
| Peak beam intensity | 165,000 CP spot |
| Amp draw | Spot 8.3A, flood 7.5A @ 12V<br>Spot 4.15A, flood 3.75A @ 24V |
| Power (Input voltage) | 12V & 24V |
| Bulb | H4 halogen |
| Dimensions | 9.875"H x 4.75"W x 8.35"L |
| Weight | 6 lbs. |
| IP Rating | IP67  (see inside back cover) |

| Description | Part # |
|---|---|
| 12V Spot/Flood with Remote (22250-R) | **22050A** |
| 12V Spot/Flood Only | **22051A** |
| 24V Spot/Flood with Remote (22350-R) | **22150A** |
| 24V Spot/Flood Only | **22151A** |

## Remote Options

| Part # | 22250-R | 22350-R | 22250-HH |
|---|---|---|---|
| **Voltage** | 12V | 24V | 12/24V |
| **Power** | 12V DC | 24V DC | Battery: L1028F Alkaline 12V |
| **Remote Specifications** | Wireless Communication Bridge Remote | | Hand Held Bridge Remote |
| **Wireless range** | 100 ft (30m) | | 100 ft (30m) |
| **Dimensions** | 2.2"W x 3.65"H x 0.9"D | | 2.25"W x 3.95"H x 1.2"D |
| **Housing material** | ASA | | ASA |
| **Button material** | Silicone (glow in the dark) | | Silicone (glow in the dark) |

**3** YEAR WARRANTY

# IP67 LED Stainless Steel Spotlight

- Wireless remote communication
- 316 stainless steel base, 304 stainless steel head
- 350° horizontal, 60° vertical two speed movement

| | |
|---|---|
| Light Output | 92,000 CD |
| Amp Draw | 3A @12V DC<br>1.5A @24V DC |
| Power (Input voltage) | 12V or 24V DC |
| # of LEDS | 12 |
| Dimensions | 9.875"H x 4.75"W x 8.35"L |
| Weight | 11.36 lbs (5.2 kg) |
| IP Rating | IP67  (see inside back cover) |

| Description | Part # |
|---|---|
| 12V Spotlight with Remote (23250-R) | **23050A** |
| 12V Spotlight Only | **23051A** |
| 24V Spotlight with Remote (23350-R) | **23150A** |
| 24V Spotlight Only | **23151A** |

## Remote Options

| Part # | 23250-R | 23350-R | 23250-HH |
|---|---|---|---|
| **Voltage** | 12V | 24V | 12/24V |
| **Power** | 12V DC | 24V DC | Battery: L1028F Alkaline 12V |
| **Remote Specifications** | Wireless Communication Bridge Remote | | Hand Held Bridge Remote |
| **Wireless range** | 100 ft (30m) | | 100 ft (30m) |
| **Dimensions** | 2.2"W x 3.65"H x 0.9"D | | 2.25"W x 3.95"H x 1.2"D |
| **Housing material** | ASA | | ASA |
| **Button material** | Silicone (glow in the dark) | | Silicone (glow in the dark) |

**3** YEAR WARRANTY

# 5" Stainless Steel Spot/Floodlight

- Remote control, joystick operation
- 316 stainless steel base, 304 stainless steel head
- Light can be directed manually without damaging motors
- One year warranty

| Description | Part # |
|---|---|
| Spot/Flood Kit | **22040A** |
| Spot/Flood Only | **22041A** |

| | |
|---|---|
| Spot Power: | 72,000 CP |
| Flood Power: | 30,000 CP |
| Amp Draw: | 7A |
| Operation: | 12V Incandescent |
| Bulb: | Replaceable Incandescent |
| Lamp Dimensions: | 9.5" H x 4.5" W x 7.5" L |
| Base Dimensions: | 5.5" L x 3.5" W |
| Weight: | 6 lbs (2.7 kg) |
| Joystick requires: | 2.75" installation hole |

Spot/Flood kit includes joystick control and 15' wiring cable with easy to install plug ends

## Replacement Bulb

- 12V Incandescent

**Part #**     22014-P

70°

350° ROTATION
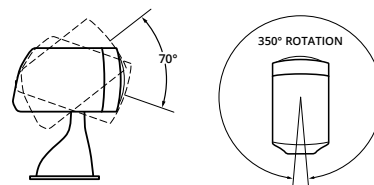
# Spotlight Parts & Accessories

### Stainless Steel Spot/Flood Parts and Accessories

| Part  # | Oval Panel | Rectangular Control | Replacement Bulb Kit |
|---|---|---|---|
| **22040A** | **22240-R** | **22208A** | **22014-P** |
| **22041A** | **22240-R** | **22208A** | **22014-P** |

### Beamer™ Parts and Accessories

| Part  # | Control Panel | Dual Station Control Kit | Replacement Bulb Kit | Wires in Cable |
|---|---|---|---|---|
| **500, 500A** | **729823-P** | **729823-P** | **729493** | 1 |
| **501, 501A** | **729825** | **729825** | **729493** | Wireless |
| **502-1** | **U-3605** | — | **729493** | 5 |
| **503, 503A** | **729829-P** | **729830-P** | **729494** | 6 |

### M100 Remote Halogen Spot Parts and Accessories

| Part  # | Joystick Control |
|---|---|
| **22200** | **22209** |
| **22201** | **22209** |

### Cables

| Length | Replacement Male to Male |
|---|---|
| 25 ft | **22011A-P** |
| 35 ft | **22012A-P** |

Use with: 22040A, 22041A, 22044, 22045, 22200 or 22201 Lights

## Universal Halogen Deck Lamps

State-of-the-art free form lens reflector technology allows for 30% more light output than comparable 55W lamps. Universal mounting brackets and compact size make for easy installation anywhere. Lamp housing is made of UV stabilized plastic and all hardware is 316 chrome plated stainless steel. Includes 12V, 55W halogen bulb and is 24V, 70W compatible.

| Bulbs: | Replaceable H3 12V 55W/H3 24V 70W |
|---|---|
| Dimensions: | 3.75" H x 3.375" W x 5.5" L |
| Mounting Height: | 4" with bracket |

**Part #  ML-005BW/DSP**  **OEM #  ML-005BW-STC**  black
**Part #  ML-005WW/DSP**  **OEM #  ML-005WW-STC**  white

## Flush Mount Deck Lamp

In addition to our highly popular conventional halogen deck lamps, we now offer a flush mount version. Ideally suited for fiberglass hardtop installations and allows for a very clean and finished installation. Free Form lens reflector technology guarantees maximum output. Lamp is completely waterproof and constructed of impact resistant UV stable plastic. Comes complete with 12V 55W halogen H3 bulb. Also suitable for 24V 70W bulbs.

| Bulbs: | Replaceable H3 12V 55W/H3 24V 70W |
|---|---|
| Dimensions: | 3.375" H x 1.5" W x 5.625" L |
| Cutout: | 3" hole |

**Part #  ML-005NWW**

## Flush Mount Docking Lights— Convex Lens

Compact flush mount docking lights for a variety of applications. Easy to install through a 2" hole. Ideal for Pontoon and Deck boat docking lamps, spreader lamps or rear docking lamps for motor homes. Features a high performance convex lens with a 12V 37.5W halogen bulb for optimum performance. Available with and without stainless steel frame. Pigtail required.

| Bulbs: | Replaceable #893 12V 37.5W Halogen |
|---|---|
| Dimensions: | ø = 2-1/2"  Frame thickness: 7/8"<br>Overall depth: 2-7/8"  Mounting depth: 2" |
| Mounting Depth: | 2" |

**Part #  M051B**       With out frame
**Part #  M051B-SS**    Stainless frame
**Part #  11-004-N**    Pigtail for M051B and M051B-SS

## Flush Mount Docking Lights— Flat Lens

Compact flush mount docking lights for a variety of applications. Easy to install through a 2" hole. Ideal for Pontoon and Deck boat docking lamps, spreader lamps or rear docking lamps for motor homes. Features a high performance free form reflector with a 12V 35W halogen bulb for optimum performance. Available with and without stainless steel frame.

| Bulbs: | Replaceable MR16 12V 35W Halogen |
|---|---|
| Dimensions: | ø = 2-1/2"  Frame thickness: 7/8"<br>Overall depth: 2-7/8"  Mounting depth: 2" |
| Mounting Depth: | 2" |

**Part #  M051A-SS**    Stainless frame

# VENTILATION

## Day/Night Solar Vent

**98**

Day/Night solar vents offer 24-hour ventilation in a compact footprint. The new design can be removed from the deck and features LED lights and additional controls that are accessed from the cabin.

## MiniVent 1000

**99**

The MiniVent 1000 is the smallest and most economical solar vent in the Marinco® line. At just 7" in diameter and approximately 1-3/4" high, the MiniVent 1000 is compact yet effective. This solar powered model is an exhaust vent only.

## Air Vent 500 Passive Exhaust Ventilation
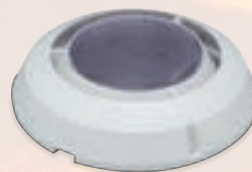
**99**

Marinco offers the AirVent 500 as a non-solar ventilation option that can passively move 600 to 1,000 cubic feet of air per hour in a 15 knot breeze. Marinco's engineering expertise created this vent to be strong, compact and effective.

### Cowl Vents

**100**

Cowl Vents are available in both low profile and standard height contours. These vents are a perfect air intake supplement to solar ventilation, and are also commonly used as a bilge ventilating system with or without a mechanical blower.

### Clam Shell Vents
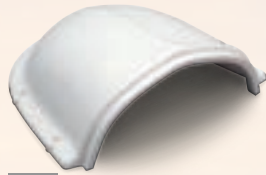
**101**

Clam shell vents are ideal for ventilation needs where a taller vent would foul lines or restrict crew movement. These vents work well as stern mounted ventilators for engine compartments.

### Deck Plates
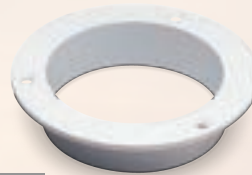
**101**

Deck plates are used to attach ventilators to the deck, hatch or hose. These plates create a clean installation and can be used with multiple material thicknesses.

### Fans

**102**

Marinco fans provide cabin comfort by direct wiring into a 12V DC system. Multiple models are available to accommodate different installations.

Properly ventilated vessels provide for a more comfortable environment aboard and eliminates the accumulation of dangerous fumes.

# TECH TIP

## Ventilation Explained

### Maintenance Ventilation

In most climates, boats that have been closed for a period of time will become "stuffy." The temperature differential that develops between the boat cabin and the outdoor environment will cause the humidity level inside the boat cabin to rise. When the humidity level in the closed cabin rises, moisture forms, resulting in mold, mildew and musty air. In these conditions, fabrics, boat electronics and even the boat's fiberglass structure can be damaged. By consistently replacing trapped, stale air in the closed boat with fresh outside air, the humidity equalizes from inside to outside, resulting in effective maintenance ventilation.

### Comfort Ventilation

Combining different types of vents, with one vent providing "intake" air flow while another vent provides "exhaust" air flow, creates cross-flow ventilation. A cross-flow ventilation system will make the interior cabin more comfortable and pleasurable because air is constantly moving throughout the cabin. No matter what your boat size or cabin configuration is, you can increase your boating enjoyment with the addition of ventilation.

### Safety Ventilation

Most boaters are unaware of the hazards that exist in the boating environment. Any number of serious ventilation problems can occur when a boat is left unattended. And even if you are underway, these problems don't go away. Fumes and gasses, ranging from carbon monoxide to hydrogen gas from battery charging, to gasoline, propane or solvents stored below, are unpleasant, and can sometimes be dangerous. Also, any open flame devices in the cabin require proper ventilation. Ventilation helps to eliminate these hazards by providing constant air circulation resulting in effective safety ventilation.

### How Much Ventilation Is Required For Your Boat?

Ideally, the air in the interior of a boat should be circulated once every hour. A typical 30-foot boat contains approximately 800 cubic feet of air. As you will see, our solar powered models can move between 600 and 1,000 cubic feet of air every hour. The general guidelines for providing maintenance ventilation are as follows:

| Boat Size | Recommended Ventilation |
|---|---|
| Up to 24'. | 1 Exhaust Vent* |
| 24' to 40'. | 1 Exhaust Vent & 1 Intake Vent |
| 40'. and larger | 2 Exhaust Vents & 1 Intake Vent |

* For effective maintenance ventilation, one vent assumes there will be access for air to get into the cabin (i.e., cowl vent, clamshell vent or louvered panel)

It is important to evaluate the cabin layout of your boat to determine optimal locations for both intake and exhaust ventilation. These illustrations suggest placement for Marinco® solar powered vents and Marinco® passive vents.
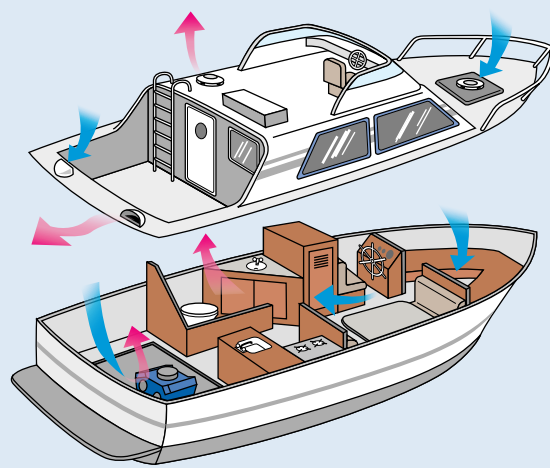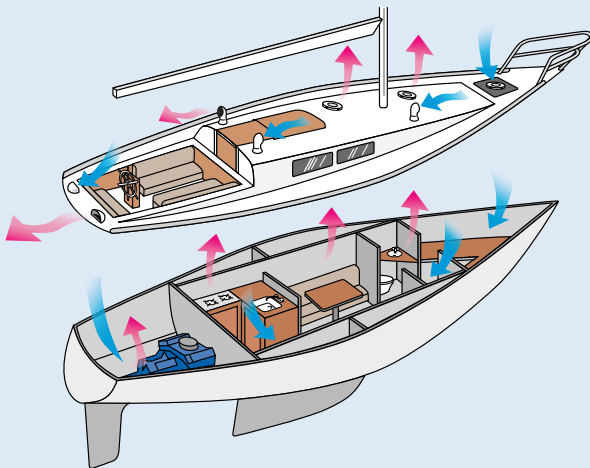


**To specifically calculate your boat's air volume, use this simple formula:**

A x B x C x 70% = Boat Interior Volume

**A** Dimension is the interior length (excluding cockpit)

**B** Dimension is the boat width

**C** Dimension is the average interior height
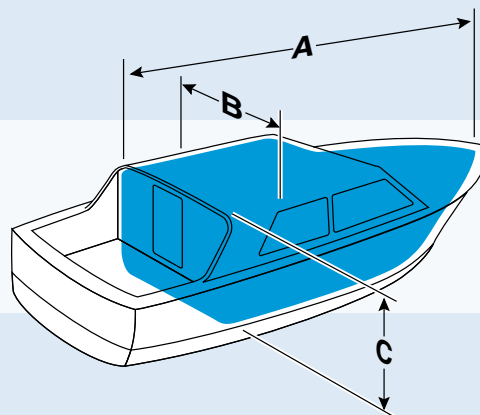
## Ventilation Selection Chart

| | Airflow Size | Hole Size Diameter | Deck Plate | Mounting Flange Depth | Operation Day | Night | Cubic Feet of Air | Intake | Exhaust |
|---|---|---|---|---|---|---|---|---|---|
| Day/Night | 4"<br>102 mm | 4-3/4" | Screw-In (6" Outer Diameter) | 2.75" | Solar | Rechargeable Battery Power | 1000 ft³/hour<br>28 m³<br>24,000 ft³/day<br>680 m³ | Fan (switch) | Fan |
| | 3"<br>76 mm | 3-3/4" | Screw-In (5" Outer Diameter) | 2.75" | Solar | Rechargeable Battery Power | 800 ft³/hour<br>23 m³<br>19,200 ft³/day<br>550 m³ | Fan (switch) | Fan |
| MiniVent 1000 | 3"<br>76 mm | 3-3/4" | None (Direct to Deck Mounting) | 1" | Solar | Passive | 700 ft³/hour<br>20 m³<br>5,600 ft³/day<br>160 m³ | Exhaust fan only | Fan |
| AirVent 500 | 3"<br>76 mm | 3-3/4" | None (Direct to Deck Mounting) | 1" | Passive | Passive | 600 ft³/hour<br>17 m³<br>In a 15 Knot Breeze | Passive | Passive |
| Cowl Vents | 4"<br>102 mm | 4-3/4" | Snap-In (6" Outer Diameter) | 1" | Passive | Passive | — | Passive | Passive |
| | 3"<br>76 mm | 3-3/4" | Snap-In (5" Outer Diameter) | 1" | Passive | Passive | — | Passive | Passive |

## TECH TIP

### Vent Installation Explained

**Installation**

All Marinco® ventilation products include clear, easy-to-understand installation instructions. These instructions address all of the key factors of a professional installation, such as:

- Proper hole measurement and cutting procedures
- Proper deck plate installation
- Use of sealants to waterproof your vent installation
- Installing vents in hatches
- Installing vents in "cambered" or slightly curved decks

Use of interior trim rings to "dress up" the cabin

The high quality level of Marinco Ventilation products must be combined with a sound installation to guarantee that your vent performs in all conditions. Marinco will make sure that your installation will be easy and successful so that you can enjoy the benefits of installation for a long time to come.

**Marinco® Ventilation Installation Systems Snap-In Deck Plate Installation**

The 12V vent, 12V combo vent and cowl vents use the Marinco Snap-In deck plate system. The snap-in system allows the easy exchange of any snap-in part for upgrading or convenience, as well as the use of a snap-in cover that completely seals the deck plate making it water tight.

**Direct-To-Deck Installation**

The Day/Night Plus, MiniVent 1000 and AirVent 500 are designed to be installed directly to the deck without the requirement for a deck plate. All of these vent systems have built-in shut-off dampers that operate from below.
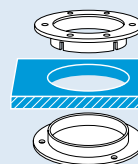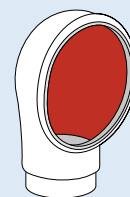
Deck Plate
Deck
Plastic Interior Trim Ring

# Day/Night Solar Vent

- Circulates fresh air in boat cabin eliminating mold, mildew and musty air
- Moves 1,000 cubic feet of air/hour or 24,000 cubic feet of air/day (4" model)
- Rechargeable battery allows for 24-hour continuous operation
- No wiring required
- Built-in on/off fan switch, LED lights and intake/exhaust switch
- High capacity NiMh battery operates vent for up to 24-hours without sunlight on a full charge
- Threads into included deck plate and can be removed from outside without tools
- Complete air and green water shut-off from below
- All Day/Night Plus models come complete with white plastic interior trim ring, insect screen, mounting hardware and an easy-to-understand installation manual
- **Replaces NICRO 3" & 4" snap-in deck plates (fits existing holes once snap-in deck plates are removed)**

| Description | Part # |
| --- | --- |
| 3" White | **N20803W** |
| 3" Stainless Steel | **N20803S** |
| 4" White | **N20804W** |
| 4" Stainless Steel | **N20804S** |

## Replacement NiMh Battery

- High capacity battery pack
- 4.8V, 2.5 amp-hours
- Replacement battery pack for current Day/Night Vents

**Part #** **N20890**

## Solar Vent Cap

- Includes screw-in watertight cap

| Description | Part # |
| --- | --- |
| for 3" vents | **N20803CAP** |
| for 4" vents | **N20804CAP** |

## Replacement Trim Ring

| Description | Part # |
| --- | --- |
| for 3" vents | **N20803RING** |
| for 4" vents | **N20804RING** |

# Original Day/Night Plus Vent Accessories

## Replacement NiMh Battery

- High capacity C-cell battery
- 1.2V, 2.8 amp-hours
- Replacement battery for older Day/Night Plus Vents, as well as, older model PowerVent 3000 and Day/Night 2000 Vents

**Part #** **N20790**

## MiniVent 1000

The MiniVent 1000 is the smallest and most economical solar vent in the Marinco® line. At just 7" in diameter and approximately 1-3/4" high, the MiniVent 1000 is compact yet effective. This solar powered model is an exhaust vent only. It will keep the boat cabin cool when you need it most, during the hot sunlight hours. Under solar power, the MiniVent 1000 will move 700 cubic feet of air an hour. At night, even a light breeze will continue to ventilate the boat passively.

Built-in shut-off damper prevents water intrusion in rough seas. Fits a 3-3/4" diameter installation hole. The vent can be retrofitted to an existing hole of up to 6" in diameter. Available in white ABS plastic or stainless steel. Optional stainless steel cover is also available separately.

- Solar powered exhaust ventilation during daylight and passive exhaust at night
- No batteries or wiring required
- Whisper-quiet fan operation
- Durable white ABS construction
- Shut-off damper to prevent water intrusion in rough seas
- Dimensions: 7" diameter X 1-3/4" high
- All MiniVent 1000 models come complete with white plastic interior trim ring, mounting hardware and an easy-to-understand installation manual

| Description | Part # |
|---|---|
| 3" White | N20020 |
| 3" Stainless Steel | N20030 |

## Air Vent 500 Passive Exhaust Ventilation

Marinco® offers the AirVent 500 as a non-solar ventilation option that can passively move 600 to 1,000 cubic feet of air per hour in a 15 knot breeze. Marinco's engineering expertise created this vent to be strong, compact and effective. The AirVent 500 is an economical way to provide ventilation in your boat or it can be used in conjunction with other solar powered or 12V vents to create cross flow air circulation.

- Compact size: 7" diameter x 1-3/4" high
- High air flow volume 1,000 cu. ft./hour in a 15 knot breeze
- Strong U.V. stabilized white ABS construction
- Center panel is translucent plastic allowing light to pass through it below deck
- Center damper shuts vent off from below
- Easy installation – attaches directly to deck in compact 3-3/4" diameter hole and can be retrofitted to an existing hole of up to 6" in diameter

**Part #** N28810

# Cowl Vents

Cowl Vents are available in both low profile and standard height contours. These vents are a perfect air intake supplement to solar ventilation, and are also commonly used as a bilge ventilating system with or without a mechanical blower. Marinco® was the first supplier of soft, durable PVC vents that are flexible and safe. For interchangeability, Marinco 4" cowl vent models fit into the same 4" Snap-In deck plates used by the combo and 12V vents (3" or 4" sizes).

- Soft and durable PVC construction returns to original shape if stepped on
- Safer than metal cowl vents – prevents injury and resists snagging lines
- Snap-In vents include deck plate and cover
- 4" models interchangeable with Marinco® Combo and 12V Vent 4" snap-in deck plates
- Marinco adapter accessories make installing below-deck duct hose easy

## Snap-In Deluxe Low Profile PVC Cowl Vent

- White with bright red interior
- Available in 3" or 4" sizes
- 3" size measures 4-1/2" high
- 4" size measures 5-1/2" high
- Includes white Snap-In deck plate and cover

| Description | Part # |
|---|---|
| 3" | N10863 |
| 4" | N10864 |

## Snap-In Deluxe Standard PVC Cowl Vent

- White with bright red interior
- Available in 3" or 4" sizes
- 3" size measures 8" high
- 4" size measures 10" high
- Includes white Snap-In deck plate and cover

| Description | Part # |
|---|---|
| 3" | N10963 |
| 4" | N10964 |

# Clam Shell Vents

- Ideal for ventilation needs where a taller vent would foul lines or restrict crew movement
- Work well as stern mounted ventilators for engine compartment
- Can be used for cabin ventilation with dorade boxes
- Flexible PVC construction
- Small clam shell dimensions - Inner : 2-1/2" H x 4-1/2" W x 5" L
  Outer: 2-3/4" H x 6" W x 5-1/2" L
- Large clam shell dimensions - Inner : 3" H x 5-3/8" W x 6" L
  Outer: 3-1/2" H x 7" W x 6-3/4" L
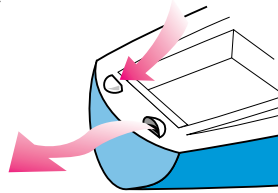
| Description | Part # |
|-------------|--------|
| Small | **N10873** |
| Large | **N10874** |

# White Snap-In Deck Plate

- Includes Snap-In watertight cover
- Use with any Marinco® Snap-In vent system
- N10863DW requires a 3-3/4" diameter hole cutout
- N10864DW requires a 4-3/4" diameter hole cutout

| Description | Part # |
|-------------|--------|
| 3" | **N10863DW** |
| 4" | **N10864DW** |

# Plastic Interior Trim Ring

- Finishes off interior installation of vent
- Can be installed in decks between 1" and 2" thick
- Available in 3" and 4" sizes
- White plastic construction
- **Note: Interior trim rings are not compatible with threaded deck plates**

| Description | Part # |
|-------------|--------|
| 3" | **N10866** |
| 4" | **N10867** |

# Thru Bulkhead Hose Adapter

- For termination attachment of hose to bulkhead
- For attaching hose to cowl vent
- Can be used with Snap-In or threaded deck plates
- For use in decks or bulk heads of more than 1" thick

| Description | Part # |
|-------------|--------|
| 3" | **N10869** |
| 4" | **N10870** |

DECK PLATE

THRU BULKHEAD HOSE ADAPTER

BILGE HOSE
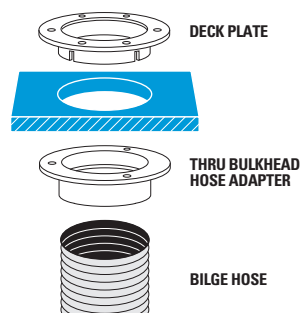
**1 YEAR WARRANTY**

## Marine Fan

- 120° adjustable oscillating fan
- Can be set for stationary operation
- Mount on wall, ceiling or dash
- Built-in on/off switch
- Installation hardware included
- 12V DC operation, 1.2A draw
- Translucent fan blades
- 7.5" vinyl-coated fan guard
- Mounting base dimensions: 3.375" L x 1.5" W
- Stands 8" from mounting surface

**Part #**    900



**1 YEAR WARRANTY**

## Personal Fan

- 180° adjustable swivel fan
- Mount on wall, ceiling or dash
- Built-in on/off switch
- Installation hardware included
- 12V DC operation, 0.5A draw
- Compact design installs anywhere
- Great for windshield defogging
- Base Dimensions: 3" diameter
- Stands 5" from mounting surface

**Part #**    903-5

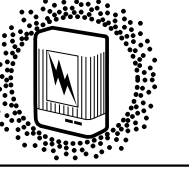# Ingress Protection (IP) Ratings Guide
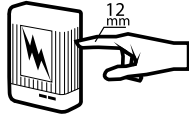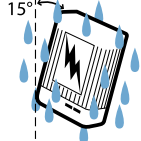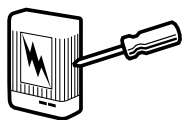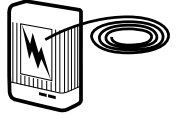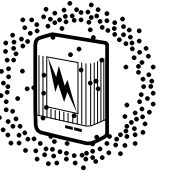
Example:
An IP65 rating can be determined using the adjacent table and example:

• The first number of the rating example, 6, in the gray column means the enclosure is dust tight

• The second number of the rating example, 5, in the blue column means the enclosure is protected against jets of water

The IP rating system was established by the International Electrotechnical Commission (IEC), an organization for international standards and conformity assessment. The IEC collaborates closely with the International Organization for Standardization (ISO). A complete description of the IP ratings and associated tests is found in IEC Publication 529. Although these ratings were initially developed as a way to classify enclosures, they now provide a convenient, practical way to compare levels of sealing. Many electrical products have an Ingress Protection (IP) rating which identifies the environmental factors needing consideration prior to the product's installation.

This is important when deciding when to mount products in a dry and clean environment versus a wet and/or dusty environment. The IP rating indicates the degree of protection provided. The numbers following IP represent levels of sealing and can range from no protection to full protection against dust and water. The table provides a description of the protection at each level.

## SOLIDS

**1** Protected against a solid object greater than 50 mm such as a hand. 50 mm

**2** Protected against a solid object greater than 12 mm such as a finger. 12 mm

**3** Protected against a solid object greater than 2.5 mm such as a screwdriver.

**4** Protected against a solid object greater than 1 mm such as a wire.

**5** Dust Protected. Limited ingress of dust permitted. Will not interfere with operation of the equipment. Two to eight hours.

**6** Dust tight. No Ingress of dust. Two to eight hours.

## WATER

**1** Protected against vertically falling drops of water. Limited ingress permitted.

**2** Protected against vertically falling drops of water with enclosure tilted up to 15 degrees from the vertical. Limited ingress permitted. 15°

**3** Protected against sprays of water up to 60 degrees from the vertical. Limited ingress permitted for three minutes.

**4** Protected against water splashed from all directions. Limited ingress permitted.

**5** Protected against jets of water. Limited ingress permitted.

**6** Water from heavy seas or water projected in powerful jets shall not enter the enclosure in harmful quantities.

**7** Protection against the effects of immersion in water between 15 cm and 1 m for 30 minutes.

**8** Protection against the effects of immersion in water under pressure for long periods.

## Rating Example:

# IP65

INGRESS PROTECTION

MAR_CAT_003_0722

**NAVICO**
GROUP