

## Adapters

The Marinc® 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)



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!!

50A 125V

50A 125/250V

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 Marinc Adapter From page 34-35

Match your boat side inlet(s) to the appropriate dock side receptacle or other power source. Adapter ends are color coded for easier selection.

## 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 Marinc'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 Marinc'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

## Related Products



Sealing Rings  
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