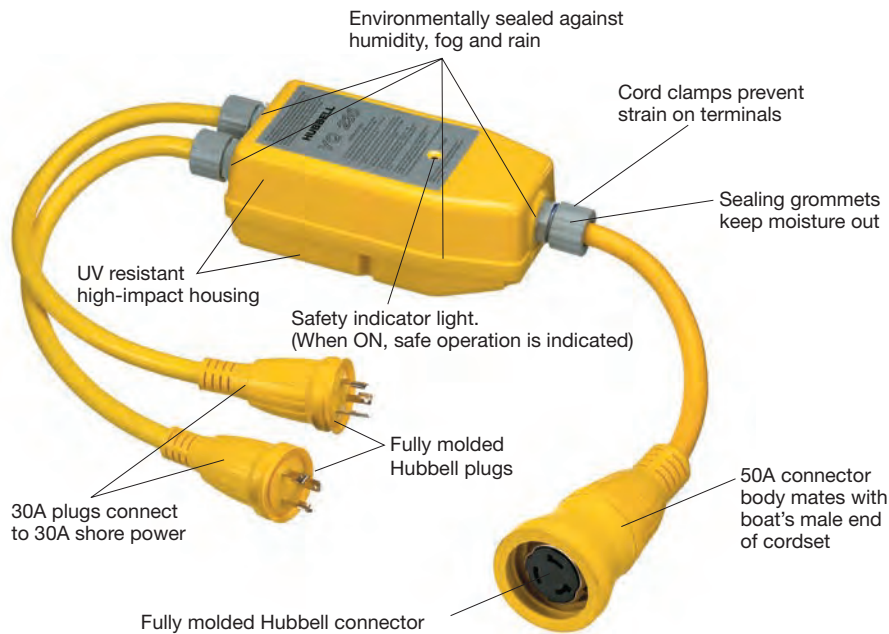


# Marine Products Intelligent Y Adapters

**YQ230** - Safely powers a 50A, 125/250V AC boat from two 30A, 125V AC receptacles at dockside.



## Application

**Problem:** A boat owner with one electrical system on board docks in a marina that can only provide a different electrical system.

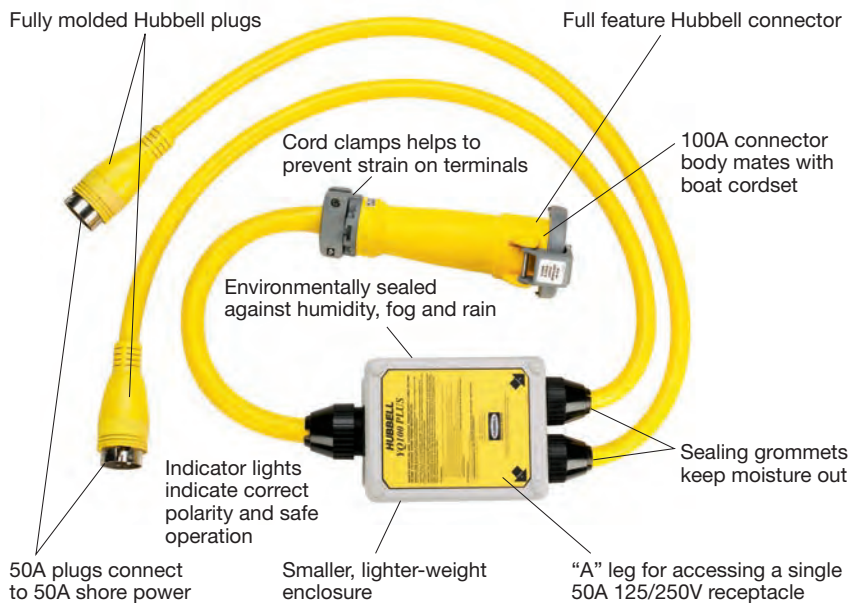
**Solution:** Use of the Hubbell YQ series of Intelligent Adapters can correct many electrical system mismatches.

## Features and Benefits

- 3 pole contactor breaks both hots and neutrals to prevent possibility of “live” plug when not engaged.
- Combines two oppositely-phased 30A, 125V receptacles to provide 30A, 125/250 volts of power.



**YQ100PLUS** - Safely powers a 100A, 125/250V AC boat from two 50A, 125/250V AC receptacles at dockside -or- from a single 50A, 125/250V AC receptacle acting as a single adapter.



## Internal Logic Senses That:

- Both plugs are fully engaged (i.e., one is not dangling loose while the other is plugged in) -or- the “A” leg plug is engaged to access a single 50A, 125/250V receptacle.
- The polarity of the receptacle on the dock is correct (i.e., no mis-wiring of the hot and neutral wires).
- The two receptacles are from correct phases.







































## Intelligent Y Adapters

Description	Catalog Number
Adapter that permits use of 50A, 125/250V AC cable set. (HBL61CM52), with two 30A, 125V AC receptacles, HBL26CM10.	<b>YQ230</b>
Adapter that permits use of 100A, 125/250V AC cable set. (CS754, CS1004) with one or two 50A, 125/250V AC receptacles, HBL63CM69.	<b>YQ100PLUS</b>

*Note: The YQ230 Adapter will only work with two 30A receptacles that are on different phases.*

*The YQ100PLUS Adapter must be plugged into two 50A, 125/250V AC receptacles that are on the same phase to achieve 100 amp, 125/250 volts power -or- the “A” leg 50A male into a single 50A, 125/250V AC receptacle to achieve 50 amp, 125/250 volts power.*

# Marine Products Adapter Selection Guide

Boat/Cable Set Side Connector Body (Female End)	Molded Straight Adapters	Power Center/Dock Side Plug (Male End)
15A 125V, 2P 3W Straight	 <b>HBL105GF*</b>	 30A 125V, 2P 3W Twist-Lock®
30A 125V, 2P 3W Twist-Lock®	 <b>HBL61CM22</b> <b>HBL61CM22W</b>	 15A 125V, 2P 3W Straight Blade (lock type)
30A 125V, 2P 3W Twist-Lock	 <b>HBL61CM25</b>	 20A 125V, 2P 3W Twist-Lock
50A 125V, 2P 3W Twist-Lock	 <b>HBL61CM54</b>	 15A 125V, 2P 3W Straight Blade
30A 125V, 2P 3W Twist-Lock	 <b>HBL61CM55</b>	 50A 125V, 2P 3W Twist-Lock
50A 125V, 2P 3W Twist-Lock	 <b>HBL61CM56</b>	 30A 125V, 2P 3W Twist-Lock
50A 125/250V, 3P 4W Twist-Lock	 <b>HBL61CM59</b>	 50A 125/250V, 3P 4W Crow Foot
30A 125V, 2P 3W Twist-Lock	 <b>HBL61CM71</b>	 50A 125/250V, 3P 4W Twist-Lock
50A 125V, 2P 3W Twist-Lock	 <b>HBL61CM72</b>	 50A 125/250V, 3P 4W Twist-Lock
100A 125/250V, 3P 4W Pin/Sleeve	 <b>HBL61CM100</b>	 50A 125/250V, 3P 4W Twist-Lock
Molded "Y" Adapters		
(2) 30A 125V, 2P 3W Twist-Lock	 <b>HBL64CM54</b>	 50A 125/250V, 3P 4W Twist-Lock
(2) 50A 125V, 2P 3W Twist-Lock	 <b>HBL64CM55</b>	 50A 125/250V, 3P 4W Twist-Lock
(2) 30A 125V, 2P 3W Twist-Lock	 <b>HBL64CM56</b>	 30A 125V, 2P 3W Twist-Lock
(2) 30A 125V, 2P 3W Twist-Lock	 <b>HBL64CM57</b>	 50A 125V, 2P 3W Twist-Lock
(2) 30A 125V, 2P 3W Twist-Lock	 <b>HBL64CM59</b>	 50A 125/250V, 3P 4W Crow Foot
One Piece Adapters		
30A 125V, 2P 3W Twist-Lock	 <b>HBL31CM28</b>	 15A 125V, 2P 3W Straight Blade
15 or 20A 125V, 2P 3W Straight Blade	 <b>HBL31CM29</b>	 30A 125V, 2P 3W Twist-Lock
20A 125V, 2P 3W Twist-Lock	 <b>HBL21CM28</b>	 15A 125V, 2P 3W Straight Blade
15 or 20A 125V, 2P 3W Straight Blade	 <b>HBL21CM29</b>	 20A 125V, 2P 3W Twist-Lock

Note: See pages Y-28 and Y-29 for photographs and descriptions.  
\*Provides GFCI protection.



**HBL21CM28**



**HBL21CM29**



**HBL31CM28**



**HBL31CM29**



**HBL61CM22**



**HBL61CM25**



**HBL61CM54**



**HBL61CM55**

**Molded Straight Adapters**

Description	Catalog Number
Permits use of 20A 125V Twist-Lock® locking type plug with 15 or 20A 125V straight blade receptacle. IP20 SUITABILITY.	<b>HBL21CM28*</b>
Permits use of 15A or 20A 125V straight blade plug with 20A 125V Twist-Lock locking type receptacle. IP20 SUITABILITY.	<b>HBL21CM29*</b>
Permits use of 30A 125V Twist-Lock locking type plug with 30A 125V Twist-Lock locking type receptacle. IP20 SUITABILITY.	<b>HBL31CM28</b>
Permits use of 15A or 20A 125V straight blade plug with 15 or 20A 125V straight blade receptacle. IP20 SUITABILITY.	<b>HBL31CM29</b>
Permits use of 30A 125V cable set, HBL61CM08, with 15 or 20A 125V straight blade receptacle. Anchor locking screw on plug when screwed down resists pullout of the cable set. IP55 SUITABILITY (CONNECTOR).	<b>HBL61CM22</b>
Same as HBL61CM22, except white.	<b>HBL61CM22W</b>
Permits use of 30A 125V cable set, HBL61CM08, with 20A 125V Twist-Lock receptacle, HBL23CM10. IP55 SUITABILITY (CONNECTOR).	<b>HBL61CM25</b>
Permits use of 50A 125V cable set, HBL61CM53, with 15 or 20A 125V straight blade receptacle. IP55 SUITABILITY (CONNECTOR).	<b>HBL61CM54</b>
Permits use of 30A 125V cable set, HBL61CM08, with 50A 125V Twist-Lock receptacle, HBL63CM70. IP55 SUITABILITY (CONNECTOR).	<b>HBL61CM55</b>
Permits use of 50A 125V cable set, HBL61CM53, with 30A 125V Twist-Lock receptacle, HBL26CM10. IP55 SUITABILITY (CONNECTOR).	<b>HBL61CM56</b>
Permits use of 50A 125/250V Twist-Lock locking type cable set, HBL61CM52, with 50A 125/250V crow foot straight blade receptacle HBL7962. IP55 SUITABILITY (CONNECTOR).	<b>HBL61CM59</b>
Permits use of 30A 125V cable set, HBL61CM08, with 50A 125/250V Twist-Lock receptacle, HBL63CM69. IP55 SUITABILITY (CONNECTOR).	<b>HBL61CM71</b> ▲
Permits use of 50A 125V cable set, HBL61CM53, with 50A 125/250V Twist-Lock receptacle, HBL63CM69. IP55 SUITABILITY (CONNECTOR).	<b>HBL61CM72</b> ▲
Permits use of 15A 125V 3 wire straight blade plug with 15 or 20A 125V 2 wire straight blade receptacle. IP55 SUITABILITY (CONNECTOR).	<b>HBL5273L*</b>
Permits a 100A 125/250V cable set to plug into a single 50A 125/250V outlet. IP55 SUITABILITY (CONNECTOR).	<b>HBL61CM100</b>
Permits use of 15A straight blade plug with 30A 125V Twist-Lock receptacle; with GFCI protection. IP55 SUITABILITY (PLUG).	<b>HBL105GF</b>

Note: \*UL Listed.

▲ The male plug end (50A 125/250V) has a blade removed and the blade slot filled with epoxy. Omitting the blade ensures achieving 125V safely. Adapters do not provide overcurrent protection. Adapters do not provide GFCI protection except HBL105GF.



**HBL61CM59**



**HBL105GF**



**HBL61CM71**▲



**HBL61CM100**



**HBL61CM56**



**HBL61CM72**▲

**Molded Y Adapters**

Description	Catalog Number
Permits use of two 30A 125V cable sets, HBL61CM08, with one 50A 125/250V receptacle, HBL63CM69. IP55 SUITABILITY (CONNECTORS).	<b>HBL64CM54</b>
Permits use of two 50A 125V cables sets, HBL61CM53, with one 50A 125/250V receptacle, HBL63CM69. IP55 SUITABILITY (CONNECTORS).	<b>HBL64CM55</b>
Permits use of two 30A 125V cable sets, HBL61CM08, with one 30A 125V receptacle, HBL26CM10. IP55 SUITABILITY (CONNECTORS).	<b>HBL64CM56</b>
Permits use of two 30A 125V cable sets, HBL61CM08, with one 50A 125V receptacle, HBL63CM70. IP55 SUITABILITY (CONNECTORS).	<b>HBL64CM57</b>
Permits use of two 30A 125V cable sets, HBL61CM08, with one 50A 125/250V crow-foot straight receptacle, HBL7962. IP55 SUITABILITY (CONNECTORS).	<b>HBL64CM59</b>

*Note: The adapters shown on this page are not UL Listed because of the nature of adapters with their variety of ratings. Adapters do not provide overcurrent protection. Adapters do not provide GFCI protection except HBL105GF.*

