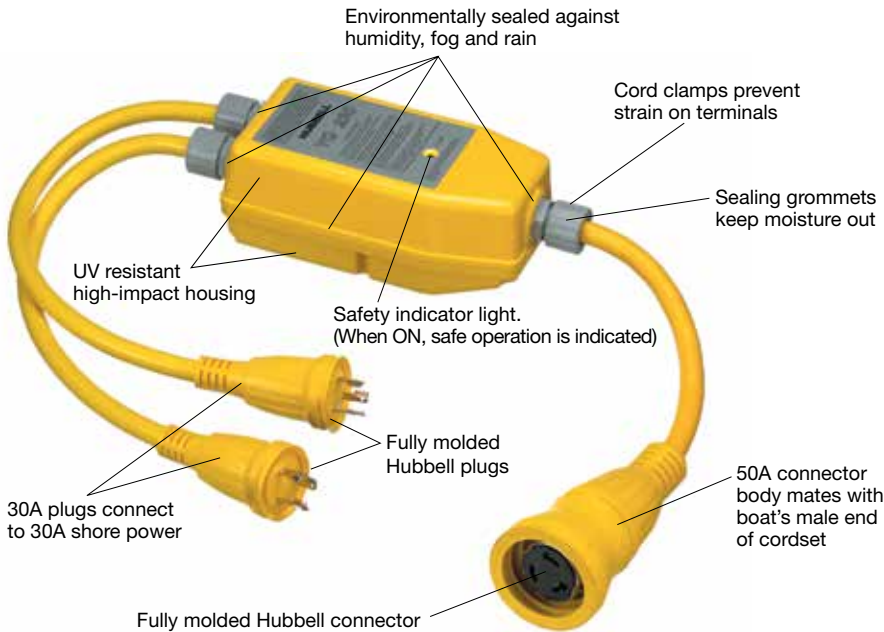




YQ230 - Safely powers a 50A, 125/250V AC boat from two 30A, 125V AC receptacles at dockside.



Application

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

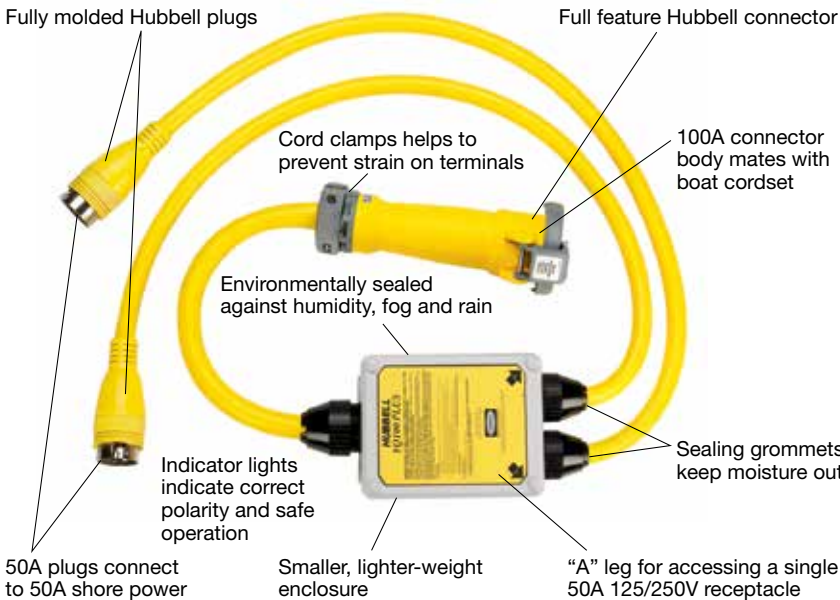
Solution: Use of the Hubbell YQ series of Intelligent Adapters can correct many electrical system mismatches.

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.

CAUTION: This adapter must be connected to an onboard, center-tapped isolation transformer or shore power connector. **DO NOT USE this adapter if such a transformer or converter is not available.**

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.	YQ230
Adapter that permits use of 100A, 125/250V AC cable set. (CS754, CS1004) with one or two 50A, 125/250V AC receptacles, HBL63CM69.	YQ100PLUS

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.