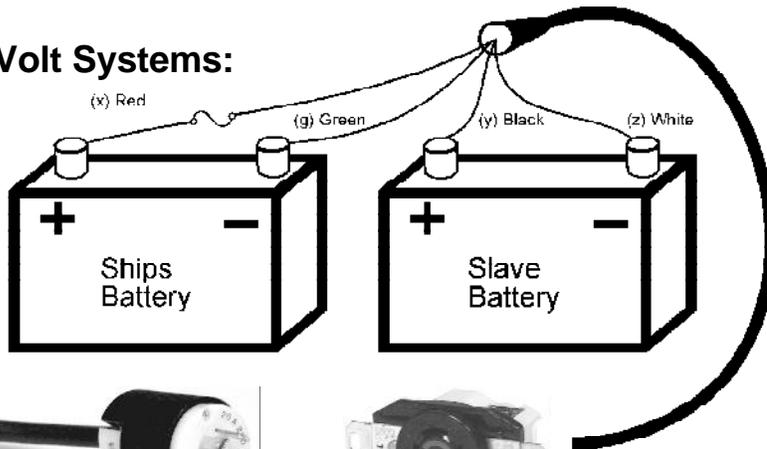




LINDGREN-PITMAN

S-3000 Electric Reel Wiring

12 Volt Systems:



Cord To Reel

Hubbell #2421

Hubbell #2420A

12 Volt Systems:

Wire Color Codes:

"X" terminal = Red wire
Ships 12v + (fused)

Green terminal = Green wire
Ships 12v -

"Y" terminal = Black wire
Slave 12v +

"Z" terminal = White wire
Slave 12v -

Ships 12 Volt Battery or Distribution Panel:

Use 25 - 30 Amp Breaker or 25 - 30 Amp Slow-Blow Fuse. Use #12 or #10 wire and 20 amp connectors.
12 - 15 amp draw under load

Auxiliary 12 Volt Battery: (Slave)

Rated @ 40 - 90 Amp Hour

Do Not ground this battery to ship or power other accessories from this battery. This battery **must not** be connected to any other equipment or electronics.

NOTE: A separate "Slave Battery" is required for each reel in a multi-reel setup.

The S-3000 is equipped with a four conductor cord and a Hubbell #2421 four prong plug. Typically a Hubbell #2420A receptacle is used in an outlet box with a cover plate. Connected to this receptacle are the wires from the batteries. Two wires from the ships battery and the other two from a slave battery. This slave battery is used only for the electric reel. When the electric reel is plugged into the receptacle, this completes a parallel circuit between the ships battery and the slave battery allowing the slave battery to be charged while the engine is running. When the reel is switched to the run position, the slave battery is put into series with the ships battery. This enables 24 volts to be sent to the electric reel.

It is very important to pay attention to the color coding of the wires and lettering on the plug or receptacle. Please follow the directions closely. Done properly, the S-3000 electric reel will run adequately on a vessel with only a 12 volt electrical system.

Boats with 24-32 Volt Systems:

Wire Color Codes:

"X" terminal = Red wire
no connection

"Y" terminal = Black wire
24v / 32v + (positive)

Green terminal = Green wire
24v / 32v - (negative)

"Z" terminal = White wire
no connection