

## **INSTALLATION/WIRING INSTRUCTIONS**

For Marinco ConnectPro 6 Gauge Receptacle Adapter

**WARNING: Batteries contain a large amount of potential electrical energy. Extreme care must be used when working with batteries. An improper connection to a battery can release enough energy to cause severe injury or fire.**

**PLEASE READ THROUGH ALL INSTRUCTIONS PRIOR TO INSTALLATION**

The following precautions must be taken:

- The wiring to the battery must have proper overcurrent protection in the form of a fuse or circuit breaker. Position the overcurrent protection within 7" of the battery.
- Follow the wiring diagrams exactly.

### **6 Gauge Receptacle Adapter Installation And Wiring**

1. Strip the battery wires 1/2". If necessary, cut back the wires until clean wire is uncovered. Do NOT solder the ends of the wires. Insert the negative wire into terminal 1 and the positive wire into terminal 2 (see Figures 1, 2 and 3). For three-wire systems (either 12/24 or 24/36V) insert the highest voltage wire into terminal 3 (see Figure 4).
2. Make certain there is no wire insulation inside the terminals, and there are no stray wire strands outside the terminals. Tighten the terminal screws to 18-20 in-lbs torque. Do not overtighten.
3. Install the adapter to receptacle. Make certain adapter terminals marked "1," "2," and "3" match the corresponding receptacle terminals marked "1," "2," and "3" on the receptacle.
4. Tighten the receptacle terminal screws to 12 in-lbs torque. Do not overtighten.