

2.1.1 AC and DC Connection Terminals

At the front top of the battery charger there is a cover plate with a screw at each side. The AC and DC connections are made to the terminal posts within, with the wires entering through the holes in the top of the charger. The temp sensor, fuses, remote voltage, and voltage monitor contacts are also installed within this area. To wire the charger, loosen the two screws and remove the cover plate. On the front of the face plate are the AC wiring instructions. When selecting the input voltage, adjust the two jumper plugs on the "AC IN" header.

Table 2 defines the input power requirements and the AC terminal connections for the battery charger.

Table 2. AC Connection Terminals

A.C. INPUT	USE JUMPER PLUG(S)
115 V.A.C. 50/60 Hz	Two plugs on the AC IN header.
230 V.A.C. 50/60 Hz	One plug connected to the two center pins on the AC IN header.

2.1.2 LED Status Indicating Lights

Table 3 provides a description of the five LED status indicating lights on the front panel.

Table 3. LED Status Lights

Status Light	Description
Type of Cells	The applicable LED is lit to indicate the type of battery selected. The choices are: <ul style="list-style-type: none"> • Lead-Acid • Nickel-Cadmium
Current Limit	When this LED is lit, the load applied to the charger exceeds the current limit setting, or if the remote voltage sense is used, the unit senses a voltage drop of more than 2.5 volts, which rarely occurs.
No Temperature Compensation	When this LED is lit, the charger is operating without temperature compensation. (This condition typically is caused by the temperature sensor being disconnected or broken.)
Voltage Monitor	When this LED is lit, the battery voltage is within $\pm 10\%$ of the battery voltage setting.

2.1.3 Battery Type Configuration Switch

There is one switch which is set for either "Lead Acid" or "Nickel Cadmium". A second series of "DIP" switches is used to set the number of cells. The single switch which corresponds to the number of cells being used should be set to the left. All other cell selection switches should be set to the right.