



TELEMETRY EQUIPMENT
MODEL 5030
Battery Charger

General Description

The Model 5030 Battery Charger is a two-stage constant-voltage type charger with current limiting. In the initial phase a high voltage level is used for fast charging, then the charger switches to a lower voltage for float charging.

The voltage output is temperature compensated and protected against shorting or reversing the battery terminals. A single indicator light changes color to show charger mode: green for float charging, yellow for fast charging, and red for a fault condition.

Specifications

Electrical	
Power Requirements	120 Vac, 60 Hz, 0.2 A RMS
Fast Charging Voltage	14.75 $\pm$ 0.3 Vdc
Fast Charging Current	800 mA
Float Charging Voltage	13.68 $\pm$ 0.12 Vdc
Switch Current	107 mA $\pm$ 20%
Physical	
Operating Temp.	0 to 40 °C
Dimensions	3.8 in. x 2.8 in. x 2.8 in.
Weight	1.5 lbs
Connectors	5030-8 alligator clips; 5030-8/3 3-pin MS



Ordering Information

5030-8	Battery Charger for 7 to 18 AH Gel Cell Batteries
5030-8/3	Same with 3-pin MS-type Connector