

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 is protected against shorting or reversing the battery terminals. There is one indicator light that changes colors to indicate charger mode. A green light indicates float charging, a yellow light indicates fast charging and a red light indicates a fault condition.

Specifications

Power Requirements: 120 Vac, 60 Hz, 0.2 A RMS

Connectors:

5030-8: Alligator Clips

5030-8/3: 3-pin MS-type connector

Fast Charging Voltage: 14.75 ± 0.3 Vdc

Fast Charging Current (Imax): . 800 mA

Float Charging Voltage: 13.68 ± 0.12 Vdc

Switch Current (Isw): 107 mA $\pm 20\%$

Operating Temperature:..... 0 to 40 °C

Dimensions:..... 3.8 in. x 2.8 in. x 2.8 in.

Weight: 1.5 lbs



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Ordering Information

5030-8 Battery Charger for 7 to 18 AH Gel Cell Batteries

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