

## 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 ± 20%  
Operating Temperature: ..... 0 to 40 °C  
Dimensions: ..... 3.8 in. x 2.8 in. x 2.8 in.  
Weight:..... 1.5 lbs



Model 5030 Battery Charger

### 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

## MODEL 5032 Battery Discharger

### General Description

The Model 5032 Battery Discharger is used to check the capacity of any Model 5031-XX Gel Cell Battery without the risk of deep discharging. The Discharger loads the battery, displays the total discharge time, measures the discharge current and disconnects the battery when the cutoff voltage is reached.

### Specifications

Power:..... 120 Vac, 60 Hz  
Fuse: ..... ½ Amp  
Timer:..... 0000.0 to 9999.9 Minutes; Selectable  
Current Meter: ..... 0 to 10 Amps  
Dimensions: ..... 8 in. x 6.4 in. x 8 in.  
Weight:..... 6 lbs



Model 5032 Battery Discharger

### Ordering Information

5032.....Battery Discharger