

CHARGER SPECIFICATIONS

Model No: PC-150-6
AC Input Range: 110 VAC to 130 VAC; 60Hz
AC Input Power Cable Length: 70 " (178cm)
Battery Charge Voltage: <ul style="list-style-type: none"> • Bulk charge voltage range: 5.0 to 7.0 VDC (1.66 to 2.33 VPC) • Absorption mode voltage range: 7.0 to 7.25 VDC (2.33 to 2.41 VPC) • Float mode voltage: 7.0 VDC (2.33 VPC)
Battery Charge Current: <ul style="list-style-type: none"> • Bulk charge current: 2.0 Amps • Absorption mode current: 2.0 to 0.5 Amps
Charger Power Out: 15 Watts
Battery Connection: See compatible cable accessories
Output Cable & Connector:
Cable: 18" (46cm) long cable with 2-pin Molex connector; Pin 1: (+); Pin 2: (-)
Connector: Molex 03-09-2022; Pin: Molex 03-09-2103
Mating Connector: Molex 03-09-1022; Mating Pin: Molex 03-09-1104
Led Indicators: <ul style="list-style-type: none"> • Solid green LED - No battery connected, charger on • Solid yellow LED – Charging • Solid green LED – Battery connected, float charge mode • Solid red LED – Battery VDC less than 5.0VDC or connected in reverse
Weight: 2.7 lbs. (1.2 Kg)
Dimensions: 5" x 3 1/2" x 2 1/2" H (13cm x 9cm x 6.5cm)
Mounting: 4 each #6 screws
Recommended Lead Acid Battery Charging Temp Range: 10° C to +27° C (50°F to +80°F); <i>Temperature Compensation Required</i>
Charger Operating Temp: 0°C to +50°C (32°F to +122°F)
Charger Storage Temp: -40°C to +70°C (-40°F to +158°F)
Humidity: 95% relative
Color: Black, anodized
Exterior Housing: Extruded aluminum body, polycarbonate end caps
Harmonized Tariff Code: 8504.40.9550

TYPICAL APPLICATIONS

- Charges Lead Acid batteries
- Optimally designed for batteries up to 25 Ampere Hours

KEY FEATURES

- Temperature compensation
- Three stage charger
- LED displays for charging status
- Single battery charger
- Unattended charging

OPERATIONAL CHARACTERISTICS

- Three stages of operation
 - **Bulk charge mode** – replaces 80% of the charge to the battery from a discharged state – 6 hour time limit
 - **Absorption mode** – a tapering current replacing the final 20% of the charge to the battery – end current is a pre-programmed value
 - **Float mode** – maintains the battery's float voltage.

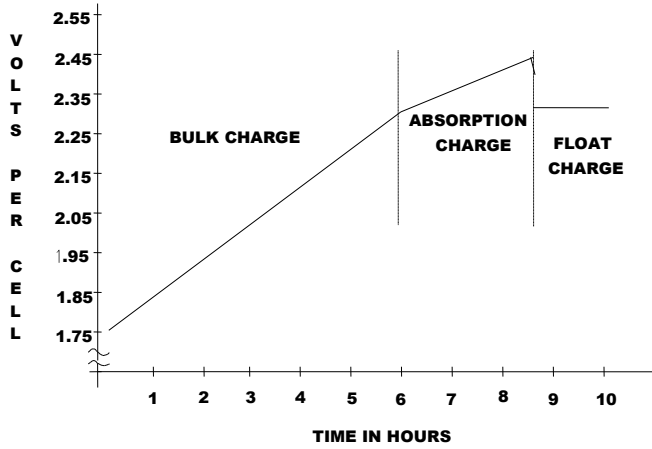
COMPATIBLE CABLE ACCESSORIES

- **00-240031-01** Marine Polarized (4005)
- **00-240031-02** Motorcycle Ring (4010)
- **00-240031-03** Battery Clips (4020)
- **00-240031-04** Cigarette, Lighter Out (4030)

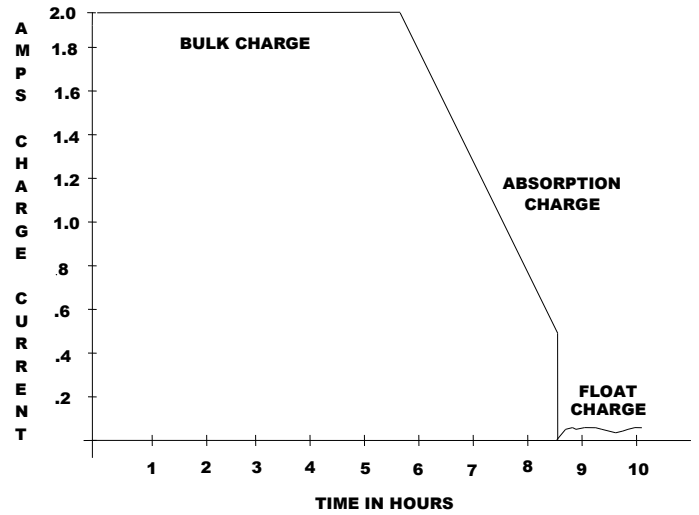
CHARGES THE FOLLOWING BATTERIES

- Flooded/wet lead acid batteries
- Valve Regulated Lead Acid (VRLA) batteries
- GEL lead acid batteries

TYPICAL VOLTAGE CURVE



TYPICAL CURRENT CURVE



CHARGER DRAWING

