

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
- Sealed Lead Acid (SLA)

CHARGER SPECIFICATIONS

Model No: PC-150-6/500

AC Input Range: 110 VAC to 130 VAC; 60Hz

AC Input Power Cable Length: 70 " (178cm)

Battery Charge Voltage:

- Bulk charge voltage range: 5.0 to 7.0 VDC (1.66 to 2.33 VPC)
- Absorption mode voltage range: 7.0 to 7.5 VDC (2.33 to 2.50 VPC)
- Float mode voltage: 7.0 VDC (2.33 VPC)

Battery Charge Current:

- Bulk charge current: 0.5 Amps
- Absorption mode current: 0.5 to 0.25 Amps

Charger Power Out: 5 Watts

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:

- 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); *Temperature Compensation Required*

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)

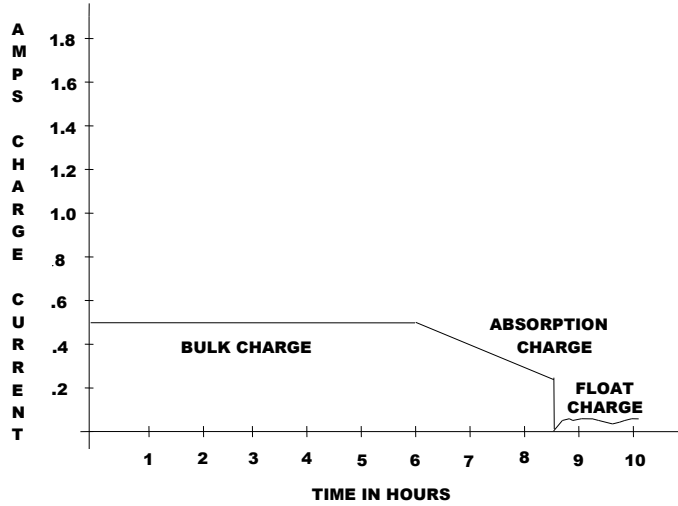
Humidity: 95% relative

Color: Black, anodized

Exterior Housing: Extruded aluminum body, polycarbonate end caps

Harmonized Tariff Code: 8504.40.9550

CURRENT CURVE



VOLTAGE CURVE

