



TYPICAL APPLICATIONS

- Charges Lead Acid batteries
- Optimally designed for batteries up to 35 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
- Sealed Lead Acid (SLA) batteries
- GEL lead acid batteries

CHARGER SPECIFICATIONS

Model No: PC-7050-12

AC Input Range: 95 VAC to 265 VAC; 50Hz to 60Hz

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

Battery Charge Voltage:

- Bulk charge voltage range: 10.0 to 14.0 VDC (1.66 to 2.33 VPC)
- Absorption mode voltage range: 14.0 to 14.5 VDC (2.33 to 2.41 VPC)
- Float mode voltage: 13.6 to 13.8 VDC (2.26 to 2.30 VPC)

Battery Charge Current:

- Bulk charge current: 1.5 Amps
- Absorption mode current: 1.5 to 0.5 Amps

Charger Power Out: 22 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

Battery Connection: See compatible cable accessories

Led Indicators:

- Solid green LED – Charger is on ready to charge **without** battery connected
- Solid yellow LED – Battery is charging
- Solid green LED – Float charge mode
- Solid red LED – Battery connected in reverse, charger error or battery voltage is less than 10VDC

Weight: 2.5 lbs. (1.1 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:

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)

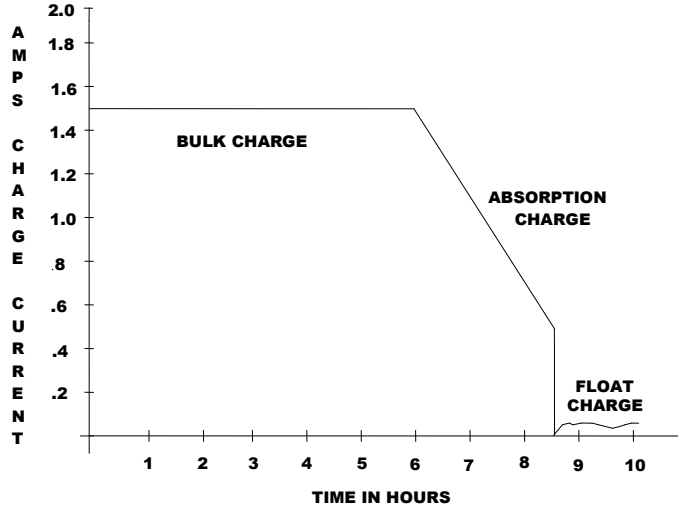
Humidity: 95% relative

Color: Black, anodized

Exterior Housing: Extruded aluminum body, polycarbonate end caps

Harmonized Tariff Code: 8504.40.9550

CURRENT CURVE



VOLTAGE CURVE

