



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)

CHARGER SPECIFICATIONS

Model No: PC-7050-24/750

AC Input Range: 95 VAC to 264 VAC; 50Hz to 60Hz

Battery Charge Voltage:

- Bulk charge voltage range: 20.0 to 28.0 VDC (1.66 to 2.33 VPC)
- Absorption mode voltage range: 28.0 to 29.0 VDC (2.33 to 2.41 VPC)
- Float mode voltage: 27.2 to 27.6 VDC (2.26 to 2.30 VPC)

Battery Charge Current:

- Bulk charge current: 0.75 Amps
- Absorption mode current: 1.5 to 0.5 Amps

Charger Power Out: 25 Watts

Battery Connection: See compatible cable accessories

Led Indicators:

- Solid green LED Charger is on ready to charge w/o 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 (5VDC, 10VDC or 20VDC)

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 Battery Charging Temp:

10° C to +27° C (50°F to +80°F)

Operating Temp: 0° C to +50° C (32°F to +122°F)

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

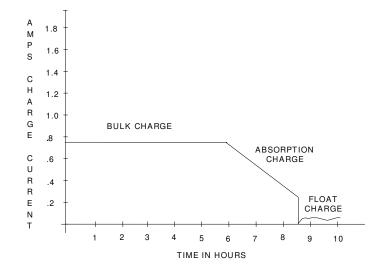
CHARGES THE FOLLOWING BATTERIES

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

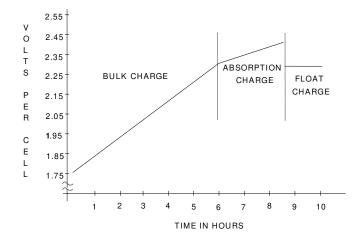




CURRENT CURVE



VOLTAGE CURVE



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