



### CHARGER SPECIFICATIONS

Model No: PC-7050-24
AC Input Range: 95 VAC to 265 VAC; 47Hz to 63Hz
AC Input Power Cable Length: 70 " (178cm)
Battery Charge Voltage: <ul style="list-style-type: none"> <li>• Bulk charge voltage range: 20.0 to 28.0 VDC (1.66 to 2.33 VPC)</li> <li>• Absorption mode voltage range: 28.0 to 29.0 VDC (2.33 to 2.41 VPC)</li> <li>• Float mode voltage: 27.2 to 27.6 VDC (2.26 to 2.30 VPC)</li> </ul>
Battery Charge Current: <ul style="list-style-type: none"> <li>• Bulk charge current: 1.0 Amps</li> <li>• Absorption mode current: 1.0 to 0.25 Amps</li> </ul>
Charger Power Out: 30 Watts
Battery Connection: See compatible cable accessories
Output Cable & Connector: <p>Cable: 18" (46cm) long cable with 2-pin Molex connector; Pin 1: (+); Pin 2: (-)</p> <p>Connector: Molex 03-09-2022; Pin: Molex 03-09-2103</p> <p>Mating Connector: Molex 03-09-1022; Mating Pin: Molex 03-09-1104</p>
Led Indicators: <ul style="list-style-type: none"> <li>• Solid green LED – Charger is on ready to charge w/o battery connected</li> <li>• Solid yellow LED – Battery is charging</li> <li>• Solid green LED – Float charge mode</li> <li>• Solid red LED – Battery connected in reverse, charger error or battery voltage is less than 20VDC</li> </ul>
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 Range: 10° C to +27° C (50°F to +80°F); <b>Temperature Compensation Required</b>
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 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.

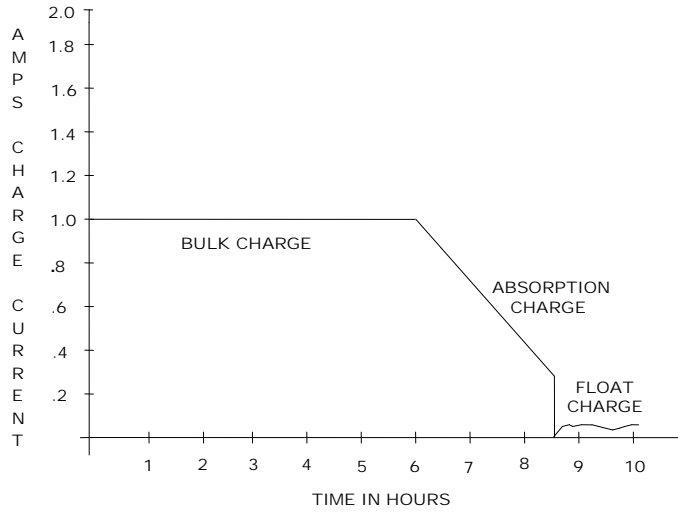
### COMPATIBLE CABLE ACCESSORIES

- **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
- GEL lead acid batteries
- Sealed Lead Acid batteries (SLA)

### CURRENT CURVE



### VOLTAGE CURVE

