



### CHARGER SPECIFICATIONS

<b>Model No:</b> PC-7050-24
<b>AC Input Range:</b> 95 VAC to 265 VAC; 47Hz to 63Hz
<b>Battery Charge Voltage:</b> <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>
<b>Battery Charge Current:</b> <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>
<b>Charger Power Out:</b> 30 Watts
<b>Battery Connection:</b> See compatible cable accessories
<b>Led Indicators:</b> <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 (5VDC, 10VDC or 20VDC)</li> </ul>
<b>Weight:</b> 2.5 lbs. (1.1 Kg)
<b>Dimensions:</b> 5" x 3 1/2" x 2 1/2" H (13cm x 9cm x 6.5cm)
<b>Mounting:</b> 4 each #6 screws
<b>Recommended Battery Charging Temp:</b> 10° C to +27° C (50°F to +80°F)
<b>Operating Temp:</b> 0° C to +50° C (32°F to +122°F)
<b>Storage Temp:</b> -40° C to +70° C (-40°F to +158°F)
<b>Humidity:</b> 95% relative
<b>Color:</b> Black, anodized
<b>Exterior Housing:</b> Extruded aluminum body, polycarbonate end caps
<b>Harmonized Tariff Code:</b> 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.

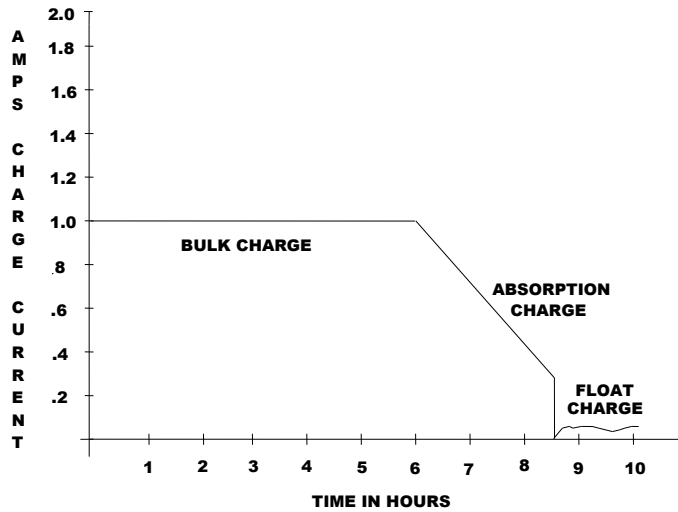
### COMPATIBLE CABLE ACCESSORIES

- **4005** Marine Polarized
- **4010** Motorcycle Ring
- **4020** Battery Clips
- **4030** Cigarette, Lighter Out

### CHARGES THE FOLLOWING BATTERIES

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

### CURRENT CURVE



### VOLTAGE CURVE

