



CHARGER SPECIFICATIONS

Model No: PC-7050
AC Input Range: 95 VAC to 260 VAC; 50-60Hz
AC Input Power Cable Length: 70 " (178cm)
Battery Charge Voltage: 6 VDC, 12 VDC & 24 VDC (factory set)
Battery Charge Current: • 0.2 to 2.0 Amps at 6 VDC & 12 VDC (factory set) • 0.2 to 1.5 Amps at 24 VDC (factory set)
Charger Power Out: 50 Watts maximum
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 Lead Acid Battery Charging Temp Range: 10° C to +27° C (50°F to +80°F); <i>Temperature Compensation Required</i>
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 (SLA)

CHARGER PART NUMBER DETERMINATION

- The PC-7050 specific part number can be configured and ordered using the following
 - **PC-7050-N/M**
 - Where **N** is the nominal battery voltage
 - Where **M** is the initial charge current in Amps

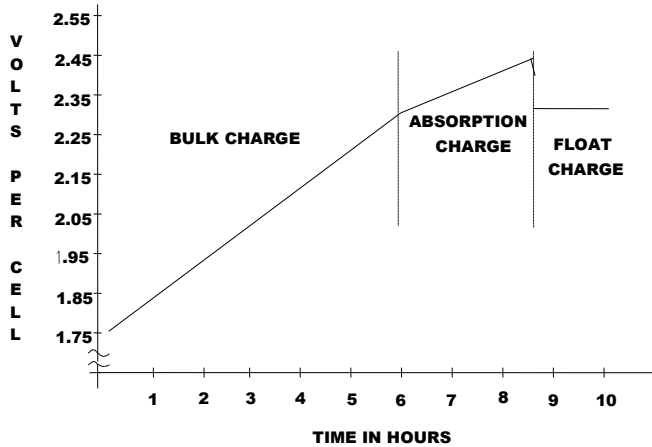


OPERATING SPECIFICATIONS

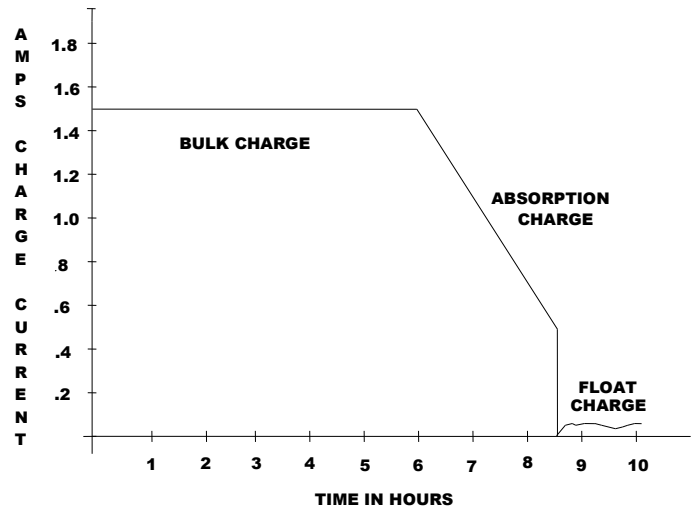
Model No.	PC-7050-6	PC-7050-12/750	PC-7050-12	PC-7050-12/2.0	PC-7050-24	PC-7050-24/1.5	PC-7050-12SPEC
Bulk Charge Current	1.5 Amps	0.8 Amps	1.5 Amps	2.0 Amps	1.0 Amps	1.5 Amps	1.0 Amps
Bulk charge Voltage Range	5.0 to 7.0 VDC	10.0 to 14.0 VDC	10.0 to 14.0 VDC	10.0 to 14.0 VDC	20.0 to 28.0 VDC	20.0 to 28.0 VDC	20.0 to 28.0 VDC
Absorption Mode Current	1.5 to 0.5 Amps	0.75 to 0.25 Amps	1.5 to 0.5 Amps	2.0 to 0.5 Amps	1.0 to 0.25 Amps	1.5 to 0.5 Amps	1.0 to 0.25 Amps
Absorption Mode Voltage Range	7.0 to 7.25 VDC	14.0 to 14.5 VDC	14.0 to 14.5 VDC	14.0 to 14.5 VDC	28.0 to 29.0 VDC	28.0 to 29.0 VDC	28.0 to 29.0 VDC
Float Voltage	6.8 to 6.9 VDC	13.6 to 13.8 VDC	13.6 to 13.8 VDC	13.6 to 13.8 VDC	27.2 to 27.6 VDC	27.2 to 27.6 VDC	27.2 to 27.6 VDC
AC Input Range	95 to 260 VAC	95 to 260 VAC	95 to 260 VAC	95 to 260 VAC	95 to 260 VAC	95 to 260 VAC	95 to 260 VAC
Frequency	50-60Hz	50-60Hz	50-60Hz	50-60Hz	50-60Hz	50-60Hz	50-60Hz
Charger Power Out	12 Watts	12 Watts	22 Watts	30 Watts	30 Watts	45 Watts	30 Watts

Additional Output Current Configurations Available

TYPICAL VOLTAGE CURVE



TYPICAL CURRENT CURVE



PATCO Electronics | division of Creating Technology Solutions, LLC
 5250 140th Avenue North | Clearwater | Florida | 33760

Tel 727-914-3001 | Fax 727-914-3342 | www.patcoelectronics.com | PATCO CAGE Code: 03UN7

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