



CHARGER SPECIFICATIONS

Model No: PCR-6080
AC Input Range: 90 to 264VAC; 50-60Hz
Max. No Load Voltage: 50V
Battery Charge Voltage: 16.8VDC max. per position
Battery Charge Current: 3A max. per position
IP Rating: 41
Connection: Cable: 6 foot , MIL-W-16878/2 C Connector: Amphenol MS3126E14-19P(to load)
Led Indicators: Flashing green LED – Charging Solid green LED – Fully Charged Flashing red LED – Error Solid red LED – Waiting for Charging to Start
Weight: 20 lbs. (9.1kg)
Dimensions: 13.5”L x 11.5”W x 6.3”H (35cm x 30cm x 16cm)
Battery Charging Temp: 0°C to +45°C (+32°F to +113°F)
Operating Temp: -20°C to +60°C (-4°F to +140°F)
Storage Temp: -40°C to +100°C (-40°F to +212°F)
Operating Altitude: 27,000 ft. (8,229.6 m)
Storage Altitude: 55,000 ft. (16,764 m)
Humidity: 95% relative
Color: Black
Exterior Carrying Case: Hard plastic case
Harmonized Tariff Code: 8504.40.9550

TYPICAL APPLICATIONS

- BB-2590/U Li-Ion battery charging
- Unmanned vehicles (UGV, UUV & UAV)

STANDARDS COMPLIANCE

- SBC v1.1 smart charger compliant
- SMBus v1.1 compliant
- Manufactured under ISO 9001:2008 certified quality system

KEY FEATURES

- Simultaneous charging
- Smart Charger technology
- LED display for each battery charging position
- 4 each BB-2590/U battery charging capability
- 8-position battery charging capability
 - 4S configuration
- Unattended charging
- MTBF: 800,000 hours
- Overload, overvoltage and thermal protection
- Portable, tactical, rugged
- Carrying handle

BENEFITS

- Charges up to 4 each BB-2590/U batteries simultaneously
- Charges each half of each BB-2590/U battery simultaneously
- Charges up to 8 lithium ion batteries simultaneously
 - 4S configuration
- Recharge time up to 6 hours – battery Ah dependent
- Charges batteries directly in unmanned vehicle
- Charges batteries outside of unmanned vehicle with docking station
 - Used with BB-2590/U battery

ACCESSORIES

- Docking station charges up to 4 BB-2590/U batteries
 - P/N: PCD-6040
 - Used with BB-2590/U battery

CHARGES THE FOLLOWING BATTERIES

- **Lithium Ion**
 - BB-2590/U • PB-2590 • PB-2590-SMB-7.2
 - PB-2590-SMB-8.7 • PB-2590-SMB-10.2
 - BB-2590 • UBI-2590 • UBBL02 • MRC-2590
 - UBI-2590 SMBus • UBBL10 • UBBL10-01
 - UBI-2590/HC SMBus • UBBL13 • UBBL13-01
 - 430856 • G3192A1 • AB-2590 • 430855
 - 430852 • BT-2590 • BT-70791A • BT-70791E
 - BT-70791BK • BT-70791CE • BT-70791JM
 - BT-70791BE • BT-70791BG • BT-0791BGHT
 - BT-70791CK • BT-70791CG