



### CHARGER SPECIFICATIONS

<b>Model No:</b> PCR-6080
<b>AC Input Range:</b> 90 to 260VAC; 50-60Hz
<b>Max. No Load Voltage:</b> 50V
<b>Battery Charge Voltage:</b> 16.8VDC max. per position
<b>Battery Charge Current:</b> 3A max. per position
<b>IP Rating:</b> 41
<b>Connection:</b> Cable: 6 foot , MIL-W-16878/2 C Connector: Amphenol MS3126E14-19P(to load)
<b>Led Indicators:</b> Flashing green LED – Charging Solid green LED – Fully Charged Flashing red LED – Error Solid red LED – Waiting for Charging to Start
<b>Weight:</b> 20 lbs. (9.1kg)
<b>Dimensions:</b> 13.5”L x 11.5”W x 6.3”H (35cm x 30cm x 16cm)
<b>Battery Charging Temp:</b> 0°C to +45°C (+32°F to +113°F)
<b>Operating Temp:</b> -20°C to +60°C (-4°F to +140°F)
<b>Storage Temp:</b> -40°C to +100°C (-40°F to +212°F)
<b>Operating Altitude:</b> 27,000 ft. (8,229.6 m)
<b>Storage Altitude:</b> 55,000 ft. (16,764 m)
<b>Humidity:</b> 95% relative
<b>Color:</b> Black
<b>Exterior Carrying Case:</b> Hard plastic case
<b>Harmonized Tariff Code:</b> 8504.40.9550

### TYPICAL APPLICATIONS

- BB-2590/U Li-Ion battery charging
- 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