

**High Capacity**  
**Low Operating Temperature**



**BATTERY SPECIFICATIONS**

<b>Model No:</b> PBH-1301
<b>Voltage Range:</b> 3.0V min.; 3.6V nom.; 4.2V max.
<b>Nominal Capacity:</b> 8.7 Ah @ 500mA @ 23°C (74°F)
<b>Maximum Discharge:</b> 3.5 A continuous @ 23°C (74°F)
<b>Maximum Pulse Discharge:</b> 6.0A for 5 seconds @ 23°C (74°F)
<b>Energy:</b> 32 Wh
<b>Energy Density:</b> 191 Wh/kg, 390 Wh/l
<b>Weight:</b> 167 grams (0.367 lbs.) max.
<b>Cycle Life:</b> > 300 cycles @ C/5 to 80% of initial capacity @ 100% depth of discharge
<b>Operating Temp:</b> -30°C to +60°C (-22°F to +140°F)
<b>Storage Temp:</b> -20°C to +50°C (-4°F to +122°F)
<b>Self-Discharge:</b> < 3% per month
<b>Housing:</b> Hard plastic, Black, UL 94 V-0, NORYL
<b>Connector:</b> Flat contacts - Nickel A400 per ASTM B127
<b>Safety:</b> See Material Safety Datasheet – SDS061
<b>Transportation:</b> See SDS061
<b>Export Classification:</b> EAR99
<b>Harmonized Tariff Code:</b> 8507.60.0020
<b>Charging:</b> Charge at constant voltage of 4.2 Volts maximum in a temperature range of 0°C to +45°C (+32°F to +113°F), limiting current to 2.0 A max, at 23°C, until current declines to 610mA.
<b>Charging Method:</b> This battery should be charged using a constant current/constant voltage (CC/CV) charging method.

**TYPICAL APPLICATIONS**

- Military Training Systems
- Communication Devices
- Back-up Server Power
- Rugged, Portable Electronics

**STANDARDS COMPLIANCE**

- UN/DOT Transportation 38.3 T1-T8 compliant
- Manufactured under ISO 9001:2008 certified quality system

**KEY FEATURES**

- High capacity (20% increase vs. PB-1301)
- Low operating temperature -30°C (-22°F)
- 67% performance available at -30°C (-22°F)
- High energy density
- Lightweight

**COMPATIBLE CHARGERS**

- **PC-6150M** 15-bay tactical portable charger

