

High Capacity
Low Operating Temperature



BATTERY SPECIFICATIONS

Model No: PBH-1601
Voltage Range: 3.0V min.; 3.6V nom.; 4.2V max.
Nominal Capacity: 17.4Ah @ 500mA @ 23°C (74°F)
Maximum Discharge: 3.5 A continuous @ 23°C (74°F)
Maximum Pulse Discharge: 6.0 A for 5 seconds @ 23°C (74°F)
Energy: 63 Wh
Energy Density: 187 Wh/kg, 383 Wh/l
Weight: 349 grams (0.768 lbs.)
Cycle Life: > 300 cycles @ C/5 to 80% of initial capacity @ 100% depth of discharge
Operating Temp: -30°C to +60°C (-22°F to +140°F)
Storage Temp: -20°C to +50°C (-4°F to +122°F)
Self-Discharge: < 3% per month
Housing: Hard plastic, black, UL 94 V-0, NORYL
Connector: Flat contacts - Nickel A400 per ASTM B127
Safety: See Safety Data Sheet – SDS062
Transportation: See Safety Data Sheet – SDS062
Export Classification: EAR99
Harmonized Tariff Code: 8507.60.0020
Charging: Charge at constant voltage of 4.2 Volts maximum in a temperature range of 0°C to +5°C (+32°F to +113°F), limiting current to 4.0 A max, at 23°C, until current declines to 100mA.
Charging Method: 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

KEY FEATURES

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

KEY FEATURES

- High capacity (20% increase vs. PB-1601)
- 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

