



TECHNICAL DATA SHEET
LITHIUM ION
RECHARGEABLE BATTERY

PBH-1301

High Capacity



BATTERY SPECIFICATIONS

Model No: PBH-1301	NSN: TBD
Manufacturers CAGE Code: 03UN7	
Voltage Range: 3.0V min.; 3.6V nom.; 4.2V max.	
Nominal Capacity: 8.7 Ah @ 500mA @ 23°C (74°F)	
Maximum Discharge: 3.5 A continuous @ 23°C (74°F)	
Maximum Pulse Discharge: 6.0A for 5 seconds @ 23°C (74°F)	
Energy: 31 Wh	
Energy Density: 191 Wh/kg, 390 Wh/l	
Weight: 167 grams (0.367 lbs.) max.	
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 60°C (-4°F to 140°F)	
Self-Discharge: < 3% per month	
Housing: Hard plastic, Black, UL 94 V-0	
Connector - Flat Contacts: Nickel A400 per ASTM B127	
Safety: See Material Safety Datasheet – MSDS061	
Transportation: See MSDS061	
Harmonized Tariff Code: 8507.80.0000	
Charging: Charge at constant voltage of 4.2 Volts maximum in a temperature range of 0°C to 45°C, limiting current to 2.0 A max, at 23°C, until current declines to 610mA	

APPLICATIONS

- Military Training Systems
- Military Radios
- Back-up Server Power
- Ruggedized Portable Electronics

KEY FEATURES

- High energy density
- Long cycle life
- Lightweight

COMPATIBLE CHARGERS

- PC-6150M 15-bay tactical portable charger



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