



TECHNICAL DATA SHEET
LITHIUM ION
RECHARGEABLE BATTERY

PB-1601



BATTERY SPECIFICATIONS

Model No: PB-1601	NSN: TBD
Manufacturers CAGE Code: 03UN7	
Voltage Range: 3.0V min.; 3.7V nom.; 4.2V max.	
Nominal Capacity: 14.4Ah @ 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: 53 Wh	
Energy Density: 155 Wh/kg, 317 Wh/l	
Weight: 349 grams (0.768 lbs.) max.	
Cycle Life: > 350 cycles @ C/5 to 80% of initial capacity @ 100% depth of discharge	
Operating Temp: -20° C to 60° C (-4°F to 140°F)	
Storage Temp: -20° C to 60° C (-4°F to 140°F)	
Self-Discharge: < 5% per month	
Housing: Hard plastic	
Connector - Flat Contacts: Nickel A400 per ASTM B127	
Safety: See Material Safety Datasheet – MSDS048	
Transportation: Excepted from regulations for packages with gross mass of 8 grams or less equivalent lithium content ($\leq 100\text{Wh}$); UN3480	
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 4.0 A max, at 23°C, until current declines to 610mA	

APPLICATIONS

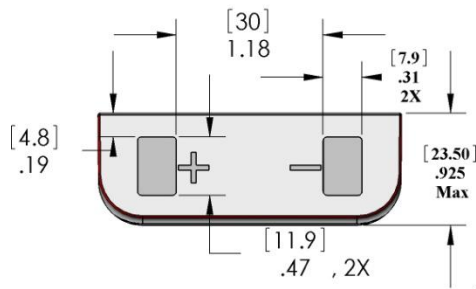
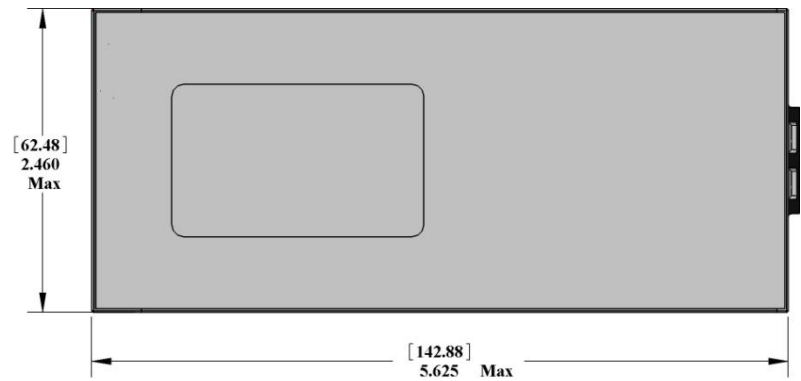
- Military Training Systems
- Military Radios
- Back-up Server Power
- Ruggedized Portable Electronics

KEY FEATURES

- High energy density
- Long cycle life
- Lightweight

COMPATIBLE CHARGERS

- PC-6150M 15-bay tactical portable charger
- PC-6600M/C 60-station bulk charger



Dimension in: inches [mm]