

PB-LWH-05

High Capacity



BATTERY SPECIFICATIONS

Model No: PB-LWH-05
Energy: 128 Wh
Voltage Range: 10.0V min.; 14.8V nom.; 16.8V max.
Nominal Capacity: 8.7 Ah @ 500mA @ 23°C (74°F)
Maximum Discharge: 4.0 A continuous @ 23°C (74°F)
Maximum Pulse Discharge: 6.0 A for 5 seconds @ 23°C (74°F)
Energy Density: 156 Wh/kg, 216 Wh/l
Weight: 818 grams (1.8 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 60° C (-4°F to 140°F)
Self-Discharge: < 3% per month @ 25°C (77°F)
Housing: Hard plastic, black, lusterless, UL 94 V-0, NORYL
Cable Connector: Glenair 8070-1000-07Z16-7SN
Flat Contacts: Copper alloy with gold plating over nickel plating
Communication: SMBus v1.1 communication protocol SBD v1.1 data set support
State of Charge Indicator: LCD Displays
Safety: See Material Safety Datasheet – MSDS053
Transportation: See MSDS060
Harmonized Tariff Code: 8507.80.0000
NSN: TBD
Manufacturers CAGE Code: 03UN7
Charging: Charge at constant voltage of 16.8 Volts in a temperature range of 0°C to 45°C, limiting current to 3.0 A max, at 23°C, until current declines to 200 mA.

APPLICATIONS

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

KEY FEATURES

- SMBus v1.1 smart battery technology compliant
- Smart battery data specification (SBD) v1.1 dataset
- Immersion compliant per MIL-STD-810G, Section 512.5
- EMI compliant per MIL-STD-461F (contact Patco Electronics for details)
- High energy density

COMPATIBLE CHARGERS

- **PC-3200M/C** 32-station bulk smart charger
- **PC-6805** 8-bay tactical portable smart charger
- **PC-6010-02** 1-bay tactical portable smart charger
- **PC-6500** dual battery desk top charger
- **PC-6200** single battery desk top charger

COMPATIBLE CABLES

- **PE-CC2-02** charge cable for PC-6200 charger
- **PE-CC2-03** charge cable for PC-6500 charger
- **PE-CC2-07** discharge cable

The information contained herein is for reference only all specifications subject to change without notice

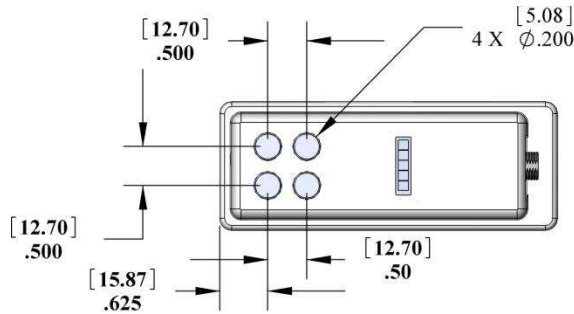
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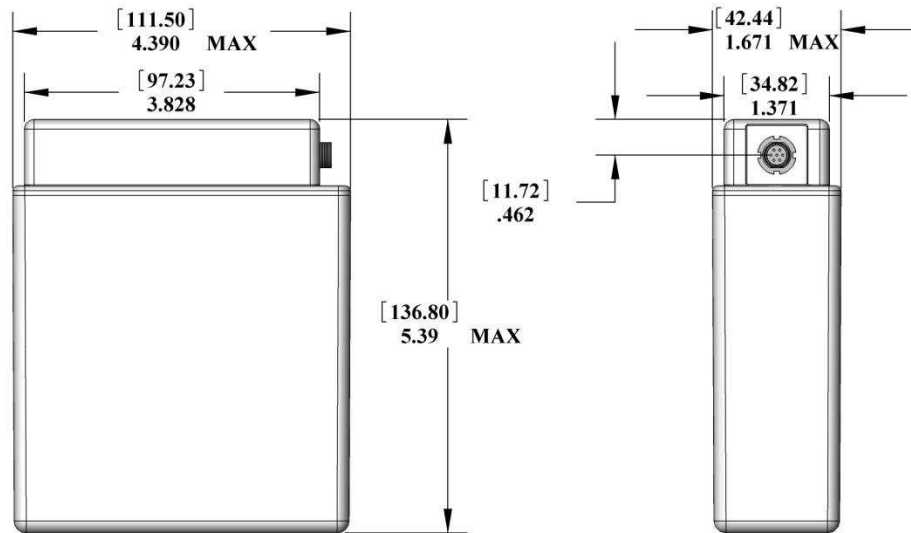
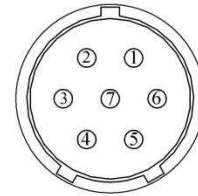
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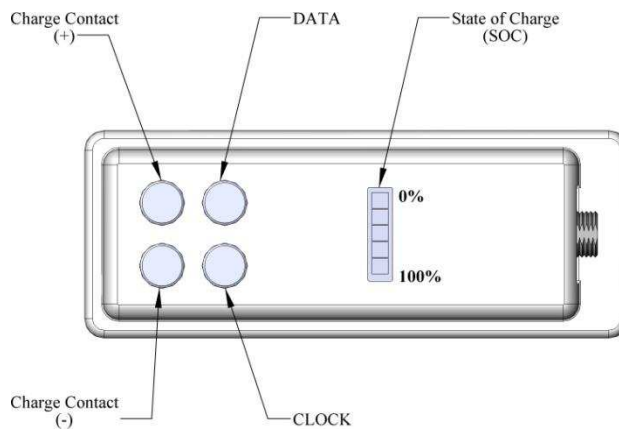




- PIN 1: POSITIVE (+)
- PIN 2: DATA
- PIN 3: CLOCK
- PIN 4: GROUND (-)
- PIN 5: CHARGER (+)
- PIN 6: NOT USED
- PIN 7: NOT USED



Dimension in: inches [mm]



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