

PB-LWH-03

High Capacity



BATTERY SPECIFICATIONS

Model No: PB-LWH-03
Energy: 86 Wh
Voltage Range: 10.0V min.; 14.8V nom.; 16.8V max.
Nominal Capacity: 5.8 Ah @ 500mA @ 23°C (74°F)
Maximum Discharge: 5.0 A continuous @ 23°C (74°F)
Maximum Pulse Discharge: 15.0 A for 5 seconds @ 23°C(74°F)
Energy Density: 143 Wh/kg, 211 Wh/l
Weight: 600 grams (1.3 lb.)
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, lusterless, black, UL 94 V-0, NORYL
Connector: LEMO HEN.1F.305.XLNP
Mating Connector: LEMO FGN.1F.305.YLC
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 – MSDS054
Transportation: See MSDS054
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 2.4 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-CC2-04** discharge cable

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

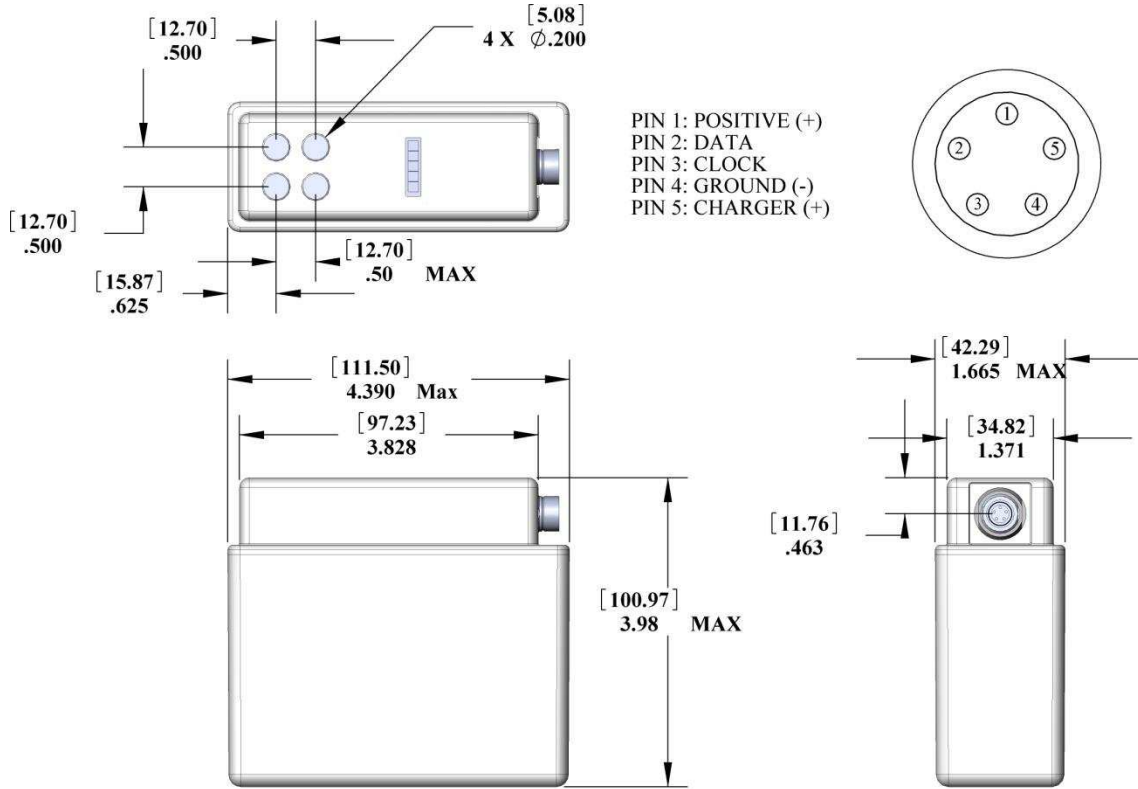
PATCO Electronics is a division of TRC | 5250 140th Ave North | Clearwater, FL 33760

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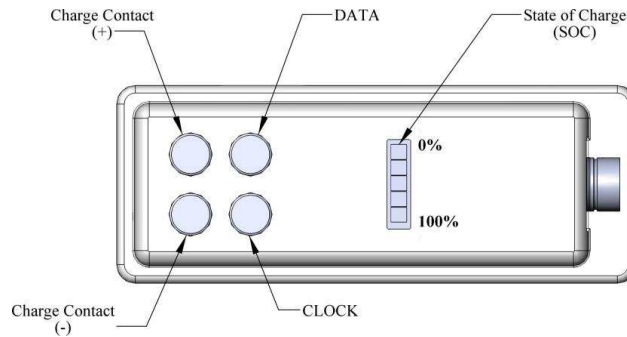
October 2013 | PB-LWH-03 | Rev.07

ISO 9001:2008





Dimension in: inches [mm]



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