

Conformal Wearable Battery

Lithium Ion



Highly reliable, lightweight battery with high energy and rate capability over a wide temperature range

Features & Benefits

- + High energy storage in ergonomic format
- + Thin with a flexible form factor
 - + Matches the contour of the Soldier's body
 - + Improved mobility and agility
- + State of charge indicator (5 levels)
- + Two ports for charging
- + SMBus interface capability
- + BMS monitors
 - + Over temperature
 - + Under temperature
 - + Over current
 - + Over voltage
 - + Under voltage
- + Safety features
 - + Non-resettable and resettable thermal devices
 - + Current fuses
 - + Vent
- + Soft packaged cell offers enhanced safety versus metallic cell case
- + Built around EaglePicher's SLC-201 soft-case cells
- + Domestically produced cells under USGC Title III

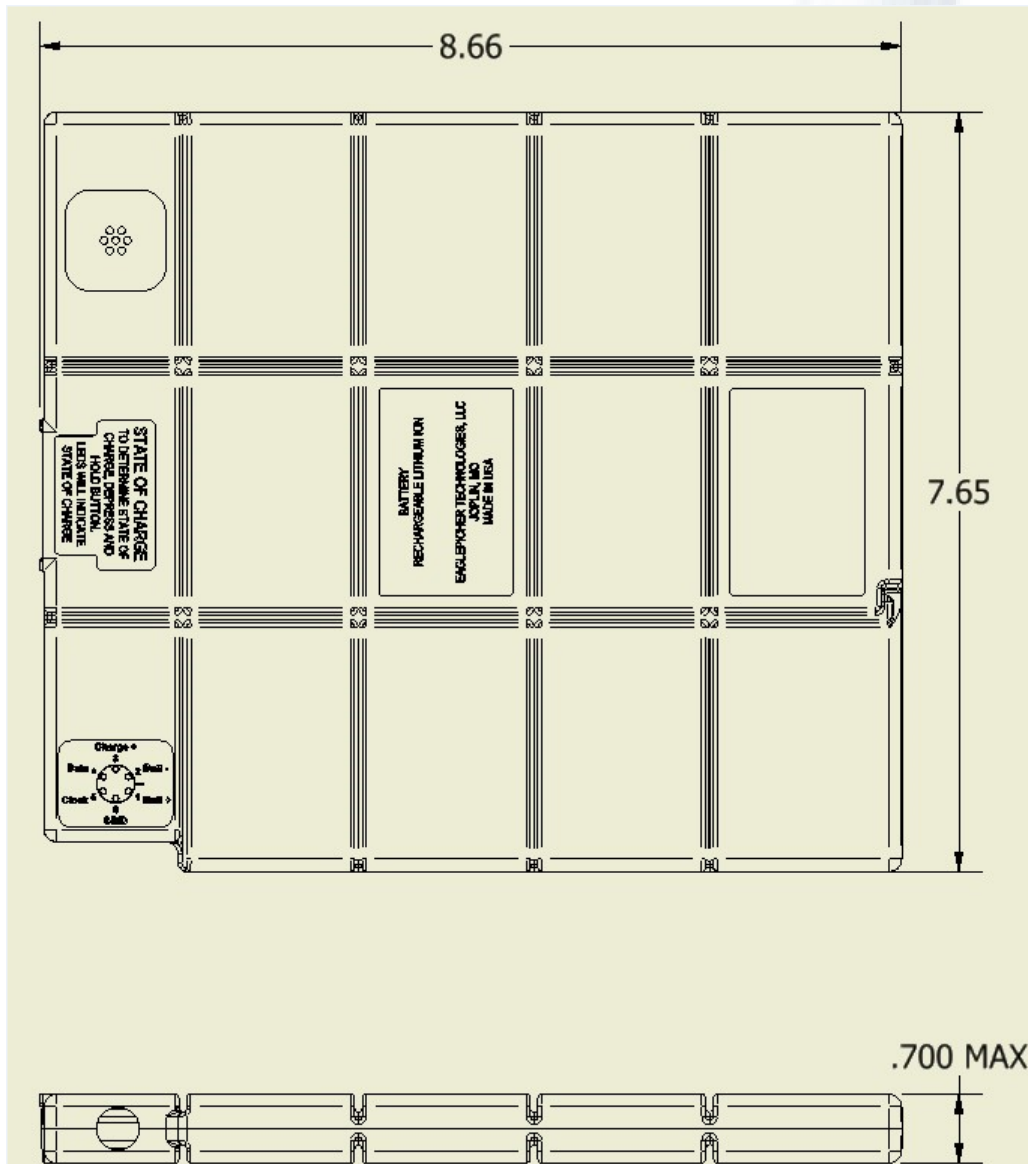
Applications

- + Soldier power: Command, Control, Communications, Computers, Intelligence, Surveillance, and Reconnaissance (C4SIR)

Specifications

Part Number	SLB-101
Nominal Voltage	14.4 Volts
Voltage Range	10.0–17.2 Volts
Capacity	11 Ah
Energy	165 Wh
Energy Density	140 Wh/kg
Max Continuous Current	5.0 Amps
Width	194.6 mm (7.65" +/- 0.05")
Thickness	17.8 mm (0.700 Max")
Length	221.0 mm (8.66" +/- 0.05")
Weight	1180 grams
Operating Temperature	-20°C to +60°C
Transportation	Class 9 UN 3090

SLB-101



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A VECTRA Company



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