



## Rechargeable Conformal Battery



**Flexible battery is conformable to many surfaces while providing high reliability with high energy over a wide temperature range**

Lithium Ion

### Features and Benefits

- High energy storage in ergonomic format
- Thin, flexible form factor matches body contour and improves mobility and agility
- Five-level state of charge indicator
- Two ports for charging
- System management bus (SMBus) interface capability
- Battery management system (BMS) monitors and protects over and under temperature, over current, and over and under voltage
- Built around EaglePicher's soft-case cells which offer enhanced safety
- In addition to the BMS, safety features include non-resettable and resettable thermal devices, current fuses and vent
- Domestically produced

### Applications

- Portable power: command, control, communications, computers, surveillance, intelligence and reconnaissance (C4SIR)

### Specifications

Part Number	SLB-101
Weight	1180 g (2.6 lbs)
Dimensions	Width: 194.6 mm (7.65 in. +/- 0.05 in.)
	Thickness: 17.8 mm (0.70 in. Max)
	Length: 221.0 mm (8.66 in. +/- 0.05 in.)
Nominal Voltage	14.4 V
Voltage Range	10.0 to 16.8 V
Capacity	11 Ah, 20 W at 25°C (77°F)
Energy	160 Wh, 20 W at 25°C (77°F)
Energy Density	140 Wh/kg, 20 W at 25°C (77°F)
Maximum Continuous Current	5 A
Operating Temperature	-20 to +60°C (-4 to 140°F)
Transportation	Class 9 UN 3090



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