



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	14.4V
Voltage Range	10.0 to 16.8V
Capacity	11Ah (20W at 25°C (77°F))
Energy	160 Wh (20W at 25°C (77°F))
Energy Density	140 Wh/kg (20W at 25°C (77°F))
Maximum Continuous Current	5A
Operating Temperature	-20 to +60°C (-4 to 140°F)
Transportation	Class 9 UN 3090



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