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LIPS 14 BATTERY

Part Number 404198-2001
NSN: 6140-99-153-5325



The LIPS 14 battery is a compact, lightweight rechargeable Li-ion battery, designed for hand held equipment applications. The battery fixes securely via latches to man portable host equipment for use in tactical environments.

The battery is configured with SMBus battery communications offering battery parameters to the host if required. An indication of battery charge can be determined through the use of the side mounted press-to-test membranes with a 3 LED capacity status display.

The fully metallic enclosure offers excellent electromagnetic screening as well as physical protection for the internal components, making the LIPS 14 battery suitable for use in sensitive environments.

With a specific energy of up to 160Wh/kg and a cycle life of greater than 300 cycles, the LIPS 14 battery is a highly energy efficient solution to low voltage portable power requirements.

TECHNICAL DATA:

Electrical	
Output Voltage	12.6V DC max - 9V DC min
Capacity	9Ah nominal
Energy	99Wh
Specific Energy	160Wh/kg
Output Current	4A
Interface	
Communications	SMBus compatible
User Interface	3 LED, red, amber, green
Environmental	
Operating Temperature (Discharge)	-20°C to +70°C
Operating Temperature (Charge)	-5°C to +50°C
Storage Temperature	-35°C to +74°C
Sealing	IP67
Environmental Test Standard	DEF STAN 0035, part 3
EMC Test Standard	DEF STAN 59-411
Mechanical	
Dimensions (Exc Latches)	1105mm(h) X 86mm(w) X 40mm(d)
Dimensions (Inc Latches)	114mm(h) X 86mm(w) X 40mm(d)
Weight	620g