



POWER MANAGEMENT SYSTEMS



LIPS 12 BATTERY

Part Number 404127-2001
NSN: 6140-99-151-5636

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The LIPS 12 battery is a ruggedised, high energy density 24V DC Li-ion battery suitable for use in the most demanding environments. The battery is designed to satisfy military front line tactical operating requirements for powering man portable and other equipment. The battery communicates with host equipment via an IrDA communications link providing accurate feedback on operational status and charge levels.

The LIPS 12 battery can interface to host equipment directly, held in position by latches, or can interface via a range of battery interface adaptors.

The fully metallic enclosure offers excellent electromagnetic screening as well as physical protection to the internal components, making the LIPS 12 battery suitable for use in vehicles or other sensitive environments.

Battery recharge is carried out using one of Lincad's mains or DC powered chargers depending on the operating environment. Battery status can be determined through the use of the top mounted press-to-test membrane switch with a 3 LED capacity status display.

TECHNICAL DATA:

Electrical	
Output Voltage	29.4V DC max - 20V DC min
Capacity	7.5Ah nominal
Specific Energy	180Wh typical
Energy	112Wh/kg typical
Output Current	9.5A
Interface	
Communications	IrDA optical communications
User Interface	3 LED - red, amber, green
Environmental	
Operating Temperature (Discharge)	-20°C to +70°C
Operating Temperature (Charge)	-5°C to +60°C
Storage Temperature	-35°C to +74°C
Sealing	IP55
Mechanical	
Dimensions (Exc Latches)	212mm(h) X 65mm(w) X 75mm(d)
Dimensions (Inc Latches)	240mm(h) X 65mm(w) X 75mm(d)
Weight	1.6 Kg