



LIPS 10

Part Number 404115-2001
NSN: 6140-99-241-7002

The LIPS 10 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 10 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 10 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 and side mounted press-to-test membrane switch with a 3 LED capacity status display.

Technical Data

Electrical	
Output Voltage	29.4 V DC max - 20 V DC min
Capacity	23 Ah nominal
Energy	550 Wh typical
Specific Energy	150 Wh/kg typical
Output Current	20 A
Interface	
Communications	IrDA optical communications
User Interface	2 x 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	IP 55
Mechanical	
Dimensions (Exc Latches)	212 mm(h) X 129 mm(w) X 75 mm(d)
Dimensions (Inc Latches)	240 mm(h) X 129 mm(w) X 75 mm(d)
Weight	3.7 kg