



LIPS 12

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

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	29.4 V DC max - 21 V DC min
Capacity	85 Ah
Total Energy Storage	2600 Wh
Output Current	45 A maximum
Interface	
Communications	Serial interface
User Interface	PTT and 5 LED display
Environmental	
Operating Temperature (Discharge)	-40 °C to +60 °C
Operating Temperature (Charge)	-40 °C to +50 °C
Storage Temperature	-46 °C to +71 °C
Sealing	IP 55
Mechanical	
Dimensions (Handle Stowed)	164 mm(h) X 257 mm(w) X 517 mm(l)
Weight	16 kg