

12V 75Ah Battery

Constructed using the latest lithium iron phosphate cells. These prismatic cells are the highest quality in a metal hard case. The battery has an inbuilt Battery Management System (BMS) designed and developed in Australia.

At just 8 kg, the LBS-1275-XS120 is a highly portable battery, light enough to take almost anywhere. This battery pack features a grey Anderson connector, convenient for quickly connecting many types of equipment whilst camping, fishing or off-roading.

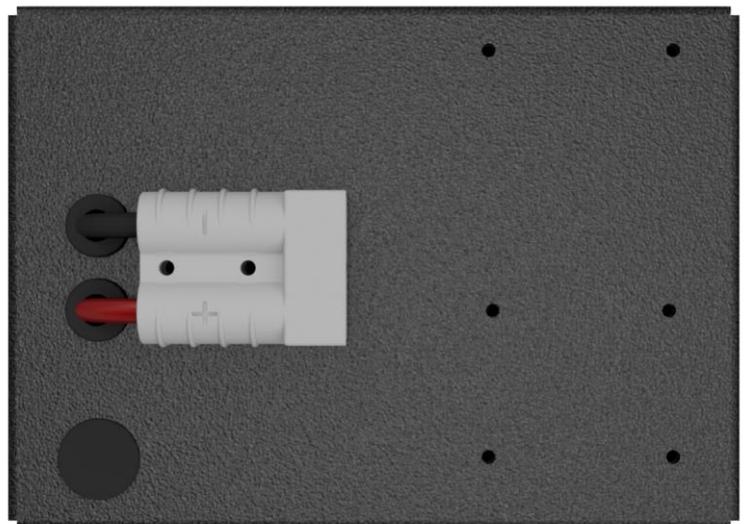
The battery provides up to 120A of continuous discharge or can accept up to 70A of charge. Charge and discharge via the grey Anderson plugs.

The strong aluminium outer enclosure delivers a safe, lightweight and powerful unit: the perfect addition to your outdoor adventure kit.

SPECIFICATIONS

LBS-1275-XS120

Chemistry	LiFePO ₄
Nominal Voltage	12 V
Nominal Capacity	75 Ah
Nominal Energy	0.9 kWh
Input Charge Voltage	13.8 V - 14.6 V
	14.0 V recommended
100% SoC Voltage	13.8 V
Low Voltage cut-off	10.5 V approx.
Charge Current	70 A max.
Discharge Current	120 A max cont.
	240 A surge
Operating Temp.	See overleaf
Weight	8.0 kg
Packaged Weight	8.4 kg approx.
Life at 80% DoD	2000 cycles
Life at 50% DoD	5000 cycles
Parallel Capable	No
Series Capable	No
Size	L 180 mm
	D 130 mm
	H ₁ 230 mm
	H ₂ 247 mm (inc. terminals/handles)



FEATURES

- ✓ Strong, compact aluminium enclosure
- ✓ Internal BMS
- ✓ Over/Under voltage protection
- ✓ Overcurrent protection
- ✓ Short circuit protection
- ✓ 1x Grey Anderson (Max 120A)
- ✓ Designed and assembled in Australia



DS031_LBS-1275-XS120_V5
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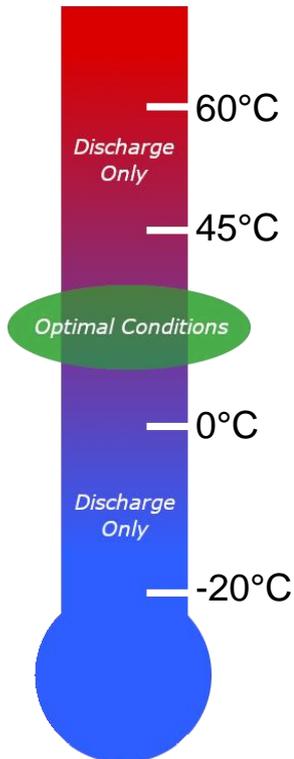
www.lithiumbatterysystems.com.au



Powering Freedom™

12V 75Ah Battery

TEMPERATURE NOTICE



At temperatures above 60°C, the battery must **NOT** be **operated** (charge or loads). Please move the battery into a cooler environment.

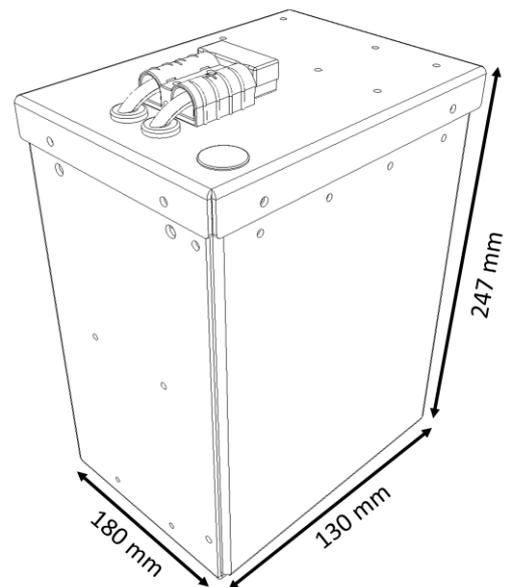
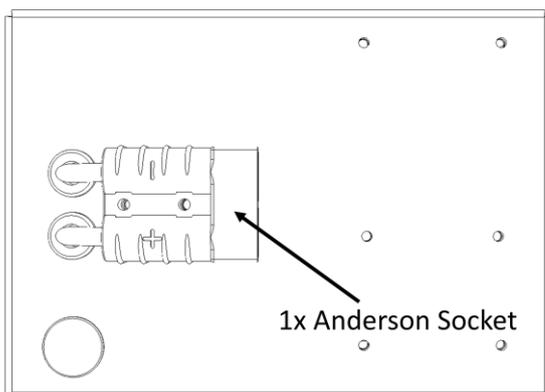
At temperatures above 45°C, the battery must **NOT** be **charged**. Battery lifespan is reduced in these conditions.

Maintain your battery within this range for optimum battery lifespan and performance.

At temperatures below 0°C, the battery must **NOT** be **charged**. Battery performance is reduced in these conditions.

At temperatures below -20°C, the battery must **NOT** be **operated** (charge or loads). Please move the battery into a warmer environment.

WIREFRAME DIAGRAM



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