



# 12V PORTABLE LITHIUM BATTERY

## Freedom Power Pack with built in DC Charger



Model LBS-1250-FPP-DCC

### DESCRIPTION

Powerful and lightweight, the LBS Freedom Power Pack (FPP) is the first thing you pack for your weekend away.

Simply charge it up and enjoy the freedom of lithium battery technology on the go. Easy to charge, easy to pack, easy to carry and easy to use.

The Freedom Power Pack integrates into a single light weight product:

- State of Charge (SOC) LED indicators 20-40-60-80-100% full
- 10A DC-DC charger with integrated VSR (DCC version only)
- Rugged aluminum enclosure with easy grab handles
- LBS Battery Management System (BMS)
- 2 cig sockets, 4 USB sockets, 1 merit socket
- 2 x input / output Anderson plugs 50A
- 2 Terminal connections (Positive & Negative)
- Designed to pack and stack
- Integrated voltmeter
- 100A continuous load capacity
- 500A surge load capacity (1 second)
- 100A charge capacity
- Alarm LED / Buzzer
- Reset switch

### SPECIFICATIONS

Model	LBS-1250-FPP-DCC
Configuration	4 x 3.2V / 50Ah cells
Type	LiFePO4
Nominal Capacity	50Ah*
Nominal Voltage	12.8V
Lifespan	2,000 cycles @ 80% DOD 5,000 cycles @ 50% DOD
Charging Voltage	13.8 – 14.6V
Max Charge Current	100A
Max Load Current	100A cont / 500A surge
Operating Temp	0 – 45°C
Weight	<10kg
Dimensions	330 x 190 x 250mm

\* Equivalent to 90Ah AGM at 50% DOD on average



**TRIPLE  
GUARD**  
3-Point Safety  
Protection



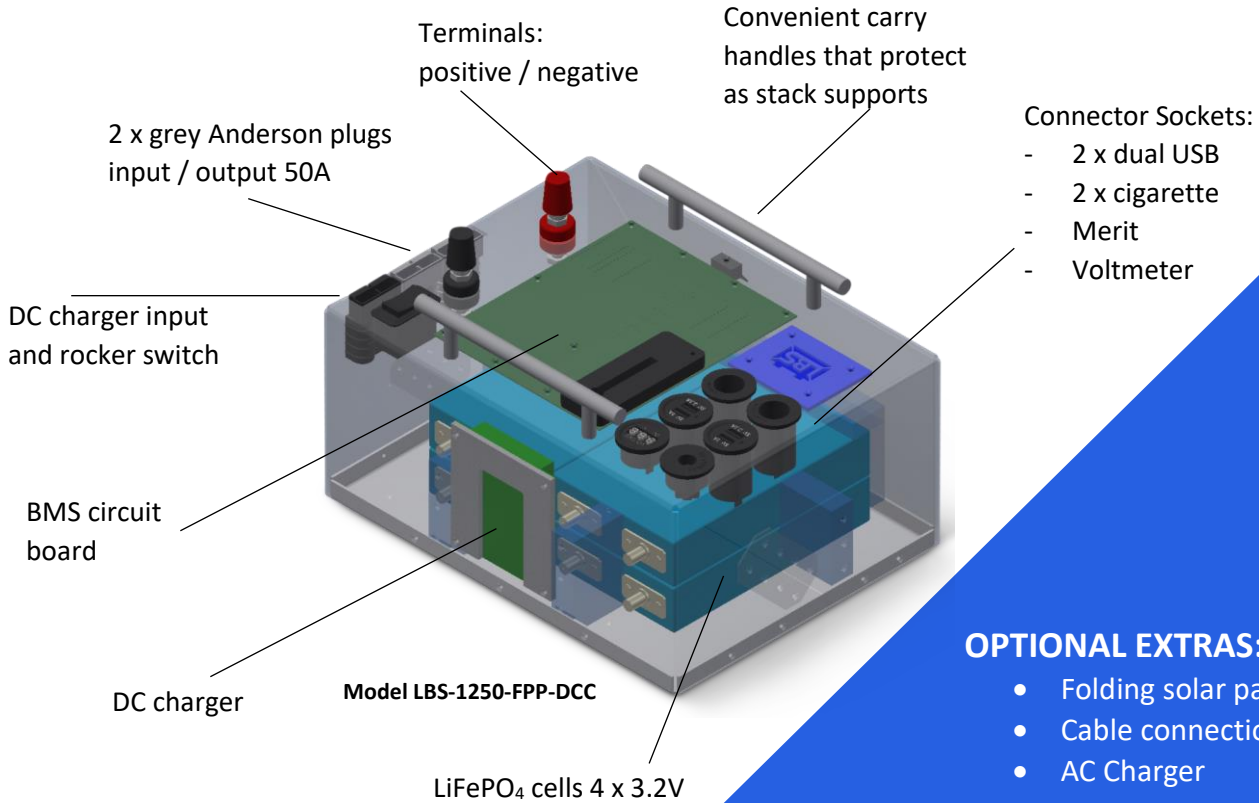
**LITHIUM  
BATTERY  
SYSTEMS**

POWERING FREEDOM



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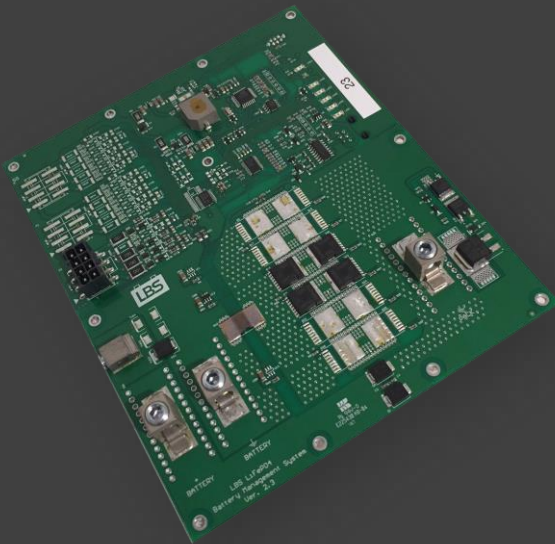


### OPTIONAL EXTRAS:

- Folding solar panel kit incl bag
- Cable connection kit
- AC Charger



Refer to our Freedom Bundles for more information on Verified Designs that use this Battery.



### BATTERY MANAGEMENT SYSTEM

- Proprietary solid-state design;
- Australian engineering;
- Highly reliable & functional;
- Coulomb-counting State of Charge (SOC) level algorithm;
- Texas Instruments platform.



Australian designed & engineered



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POWERING FREEDOM