



Freedom Wall Lithium Battery

48V 4.8kWh



Enclosure:

- 2mm aluminium

Terminals:

- 35mm² Screw Terminal Blocks

BMS Control Panel:

- Master On/Off
- Alarm LED
- State of Charge LED
- Input status LED's
- Remote monitoring screen port

SPECIFICATIONS:

Model	LBS-48100-FW-REG
Size (LxDxH)	490x280x700mm
Capacity	100Ah
Nominal Voltage	48V
Cells	30 x 3.2V, 50Ah
Type	LiFePO4
Charge Voltage	51.8V – 54V
Charge Current	150A max
Discharge Current	150A/500A surge
Operating Temp	0-45°C
Weight	47kg
Lifespan at 80% DoD	2,000 cycles
Lifespan at 50% DoD	5,000 cycles

DESCRIPTION

Powerful and sleek, the LBS Freedom Wall (FW) has 4.8kWh of battery capacity to power your freedom from the grid.

The Freedom Wall can connect to 48V Solar Controllers and 48V Inverters and provide the power required up to 150A continuous charge or load.

Simply connect to your solar controllers, chargers and inverters and you are ready to go.

The LBS-48100-FW-REG integrates into a single light-weight product:

- Integrated LBS Battery Management System (BMS)
- On battery State of Charge (SOC) LED
- Can be placed in parallel to create larger storage capacity
- Connection for an optional remote monitoring screen
- M10 150A positive and negative terminals
- Strong aluminum wall mounted enclosure
- 150A continuous load capable
- 500A load surge 30s, 1000A load burst 1s
- 150A charge capable
- Integrated main power switch



TRIPLE GUARD

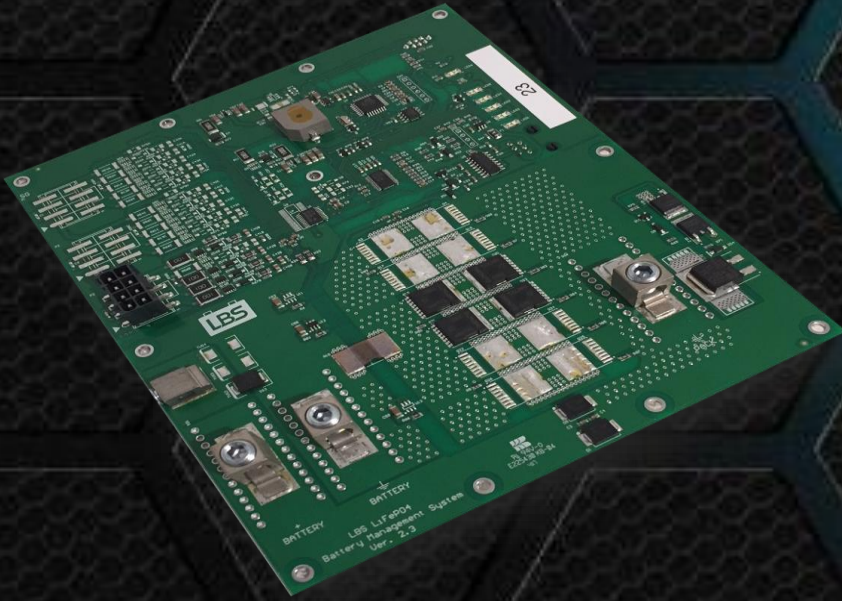
3-Point Safety
Protection

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LITHIUM
BATTERY
SYSTEMS

Powering Freedom™



BATTERY MANAGEMENT SYSTEM

- Solid-state high-power design
- Australian engineering
- Highly reliable & functional
- Texas Instruments platform



Australian designed,
engineered and
assembled batteries



OPTIONAL EXTRAS:

- Remote monitoring screen
- Cable connection kits
- Solar panels
- Solar Charge Controller
- AC Charger
- AC Inverter

