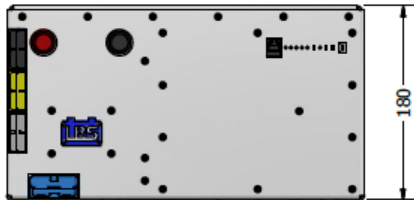
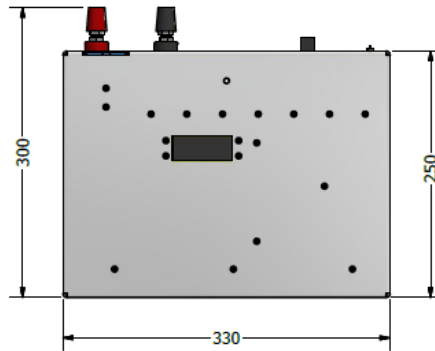


LBS 12V 100Ah LITHIUM BATTERY

All-In-Pack



SPECIFICATIONS

| | |
|------------------------|------------------------|
| Model | LBS-BAT-12100-AIP |
| Configuration | 8 x 3.2V / 50Ah cells |
| Type | LiFePO4 |
| Nominal Capacity (Ah) | 100* |
| Nominal Voltage (V) | 12.8 |
| Lifespan | 2,000 cycles @ 80% DOD |
| Charging Voltage (V) | 13.8 – 14.6 |
| Max Charge Current (A) | 100A |
| Load Current (A) | 100A cts / 500A peak |
| Operating Temp (°C) | 0 – 45 |
| Weight (kg) | 16 |
| Dimensions (mm) | 330 x 180 x 250 |

* Equivalent to >160AH AGM at 50% DOD on average

DESCRIPTION

Powerful and lightweight, the LBS All-In-Pack includes in a single package, everything you need to power your freedom.

Save time and money not having to install multiple modules and reduce the risk of mismatched components not working together. Simply connect up your chargers, connect up your loads and enjoy the power of lithium battery technology.

The 'All-In-Pack' integrates into a single light weight product:

- State of Charge (SOC) LED indicators 20-40-60-80-FULL%
- Connection for an optional remote SOC screen
- 20A DC-DC charger with integrated VSR
- LBS Battery Management System (BMS)
- Top mounted terminals (charge or load)
- 4 x input / output Anderson plugs
- Strong aluminum enclosure
- 100A continuous load capacity
- 500A peak load capacity
- 100A charge capacity
- Main isolation switch
- Alarm LED / Buzzer
- Reset switch



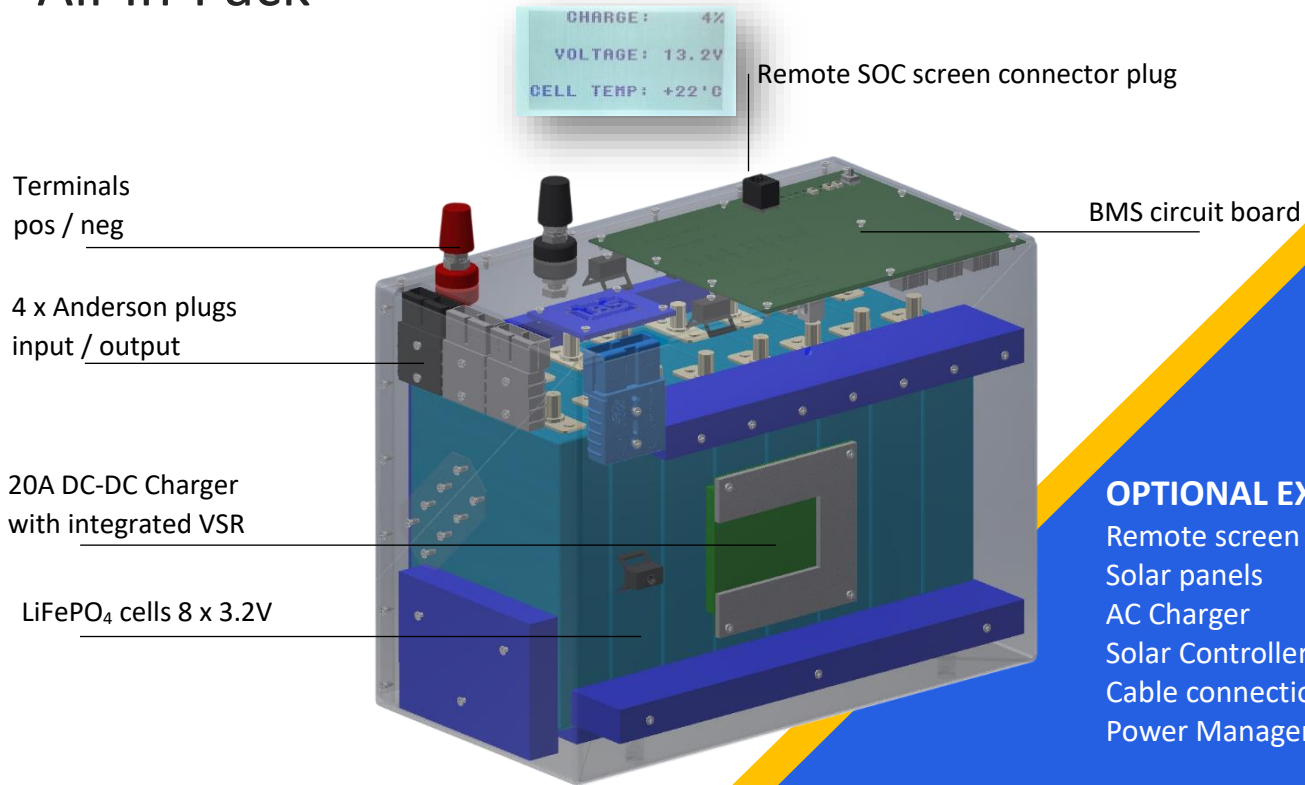
**TRIPLE
GUARD**
3-Point Safety
Protection

LBS LITHIUM
BATTERY
SYSTEMS
POWERING FREEDOM



12V 100Ah LITHIUM BATTERY

All-In-Pack

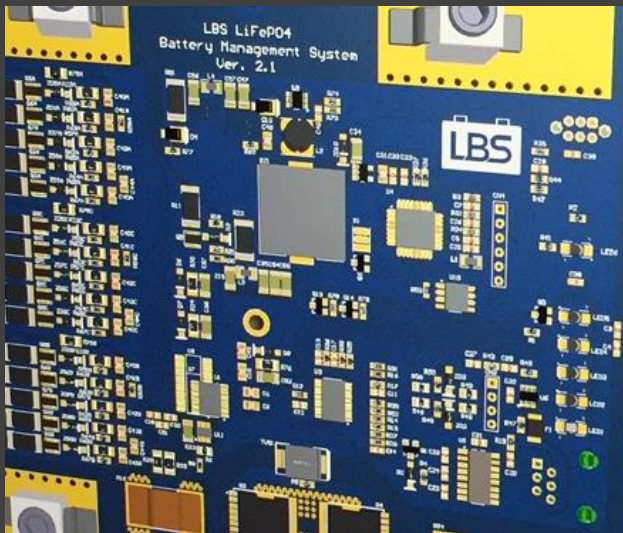


OPTIONAL EXTRAS:

- Remote screen
- Solar panels
- AC Charger
- Solar Controller
- Cable connection kit
- Power Management Unit (PMU)



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



BATTERY MANAGEMENT SYSTEM

- Proprietary solid-state design
- Australian engineered & manufactured
- Highly reliable & functional
- Quality manufacture in Brisbane, QLD
- Proprietary system using latest Texas Instruments technology



Australian
engineered &
manufactured



sales@lithiumbatterysystems.com.au
lithiumbatterysystems.com.au



POWERING FREEDOM