

LBS-12110-SP



# 12V 110Ah Standard Power

## DESCRIPTION

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).

This light weight battery has around double the usable capacity at up to a third of the weight of a lead acid or AGM equivalent.

Designed to fit within the footprint of a standard N70 battery, a second battery compartment or standard battery box for direct lead acid replacement.

The strong aluminium outer enclosure delivers a safe, lightweight and powerful unit which is the perfect building block for next generation battery systems.

## SPECIFICATIONS

|                   |                              |
|-------------------|------------------------------|
| Model             | LBS-12110-SP                 |
| Capacity          | 110Ah                        |
| Nominal Voltage   | 12.8V                        |
| Type              | LiFePO4                      |
| Charge Voltage    | 14.6V max                    |
| Charge Current    | 100A                         |
| Discharge Current | 100A max cont.<br>200A surge |
| DC-DC Charger     | Not Included                 |
| Operating Temp    | 0-45°C                       |
| Weight            | 12kg                         |
| Life at 80% DoD   | 2,000 cycles                 |
| Life at 50% DoD   | 5,000 cycles                 |
| Size (LxDxH1)     | 257 x 177 x 190mm            |

## FEATURES

- ✓ Internal 100A BMS
- ✓ Strong aluminium enclosure
- ✓ External 100A fuse
- ✓ Fused & Unfused POS
- ✓ Light weight 12kg
- ✓ Soft carry handles
- ✓ Parallel connect capable
- ✓ LBS Triple Guard Safety Protection
- ✓ Designed and fully assembled in Australia

## OPTIONAL EXTRAS

- ✓ Mounting bracket kit
- ✓ Cable connection kit
- ✓ Monitoring kit

## VERIFIED DESIGNS

- ✓ AC chargers
- ✓ DCDC controllers
- ✓ Inverters

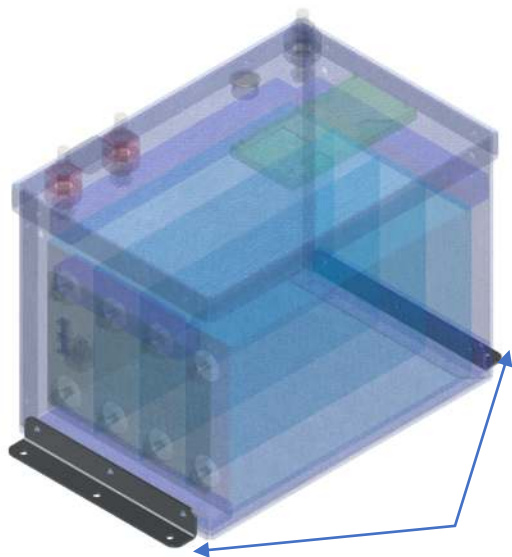
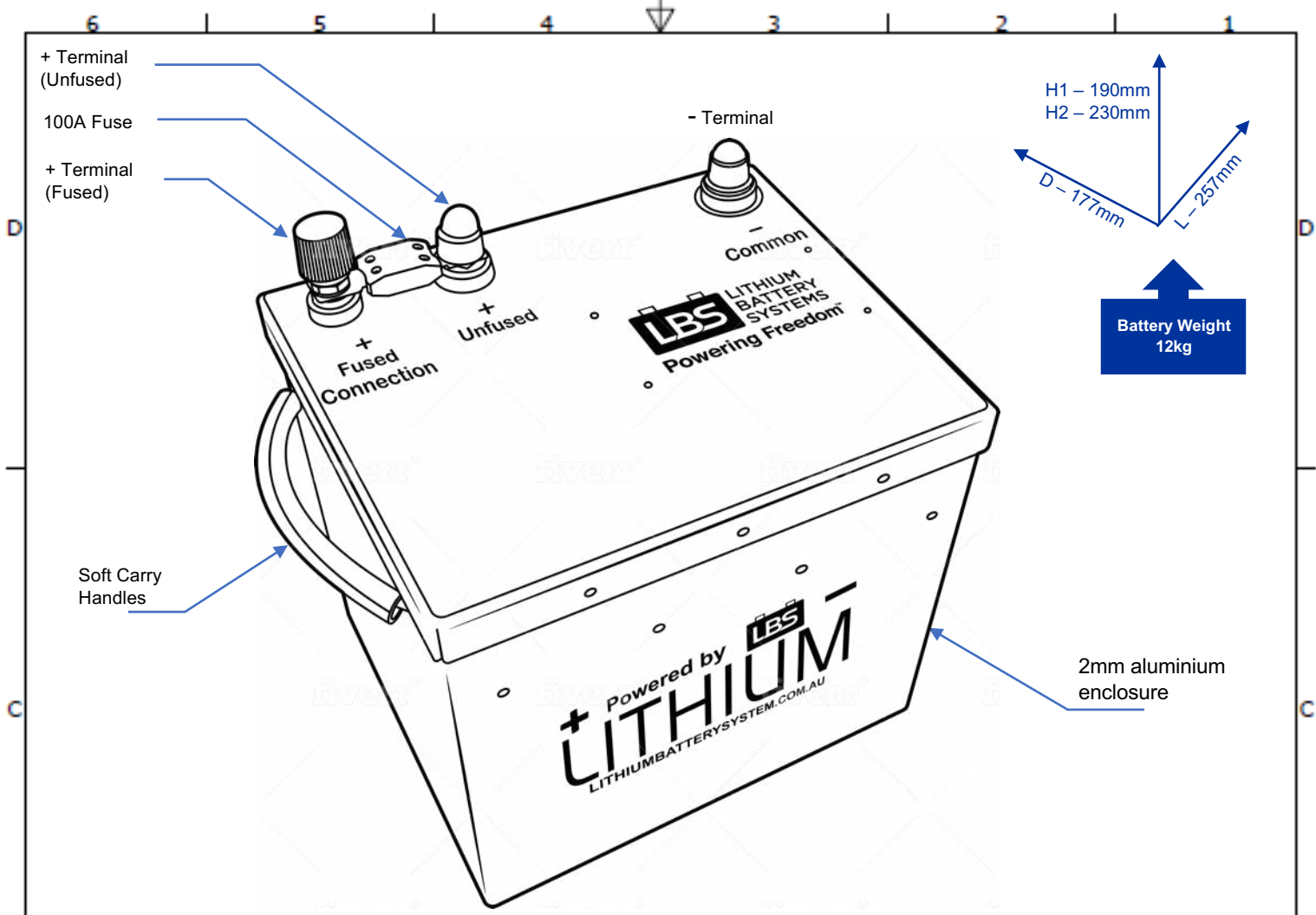
## APPLICATIONS



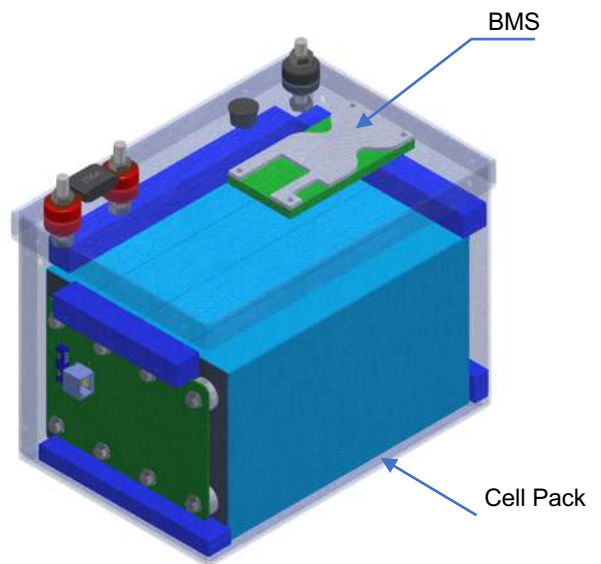
Australian designed, engineered and built

WARRANTY





Mounting Bracket Options



Transparent

|   |            |             |              |       |  |
|---|------------|-------------|--------------|-------|--|
| Designed by   | Checked by | Approved by | Date         | Date  |  |
| SS  | VT         | GM          |              |       |  |
| 12V 110Ah Standard Power (SP)<br>Lithium Iron Phosphate Battery |            |             | LBS-12110-SP |       |  |
| LBS-DWG-12110-SP  |            |             | Edition      | Sheet |  |
|   |            |             | 0            | 1 / 1 |  |