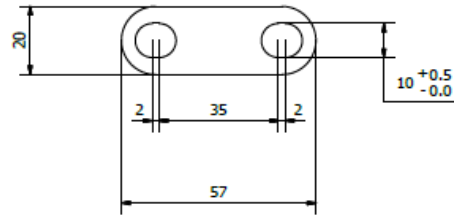


Battery Cells 3.2V 50Ah

Lithium Iron Phosphate (LiFePO₄ or LFP)

LBS-3.2V-50AH-CELL



Cell Connector Links



Perfect for EV conversions.

Connect cells in parallel to make
100Ah, 150Ah, 200Ah etc.

SPECIFICATIONS

Nominal Capacity	50Ah
Nominal Voltage	3.2V
Internal Resistance	1.3mΩ (typ)
Max Charge Current	50A at 1C
Voltage at end of Charge	3.65 ±0.05V
Voltage at end of Discharge	2.3V
Discharge Current	50A at 1C (continuous) 250A at 5C (peak)
Weight	1.5kg
Shell Material	Aluminium
Shell Covering	PVC

ENVIRONMENTAL

Operating Temperature Range:

Charge 0°C to 45°C

Discharge -20°C to +60°C

Storage Temperature Range:

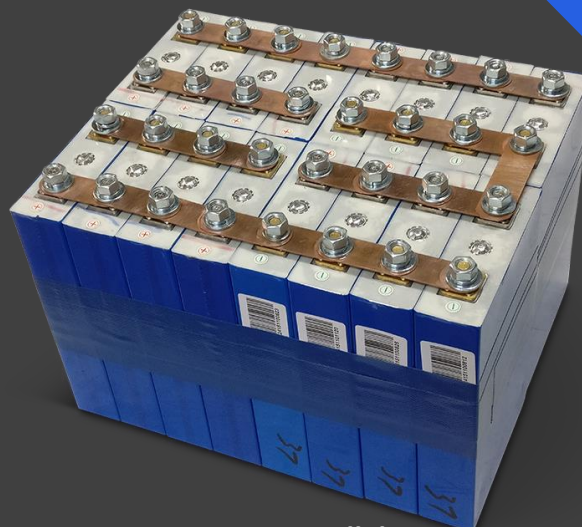
<3 months: -10 ~ +45°C (SOC: 20% ~ 60%)

<12 months: -10 ~ +40°C (SOC: 30% ~ 60%)

Storage Humidity:

5% to 85% RH

LBS LITHIUM
BATTERY
SYSTEMS
POWERING FREEDOM



4 Series 4 Parallel:
12V 200Ah Pack

CONTACT: Chris Carrigan | 0404 041 189
sales@lithiumbatterysystems.com.au

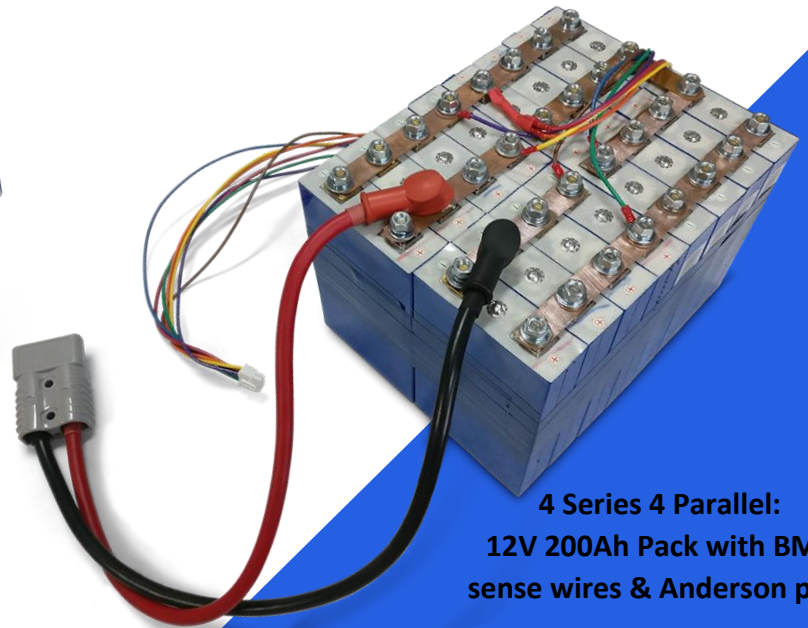
Battery Cells 3.2V 50Ah

Lithium Iron Phosphate (LiFePO₄ or LFP)

LBS-3.2V-50AH-CELL

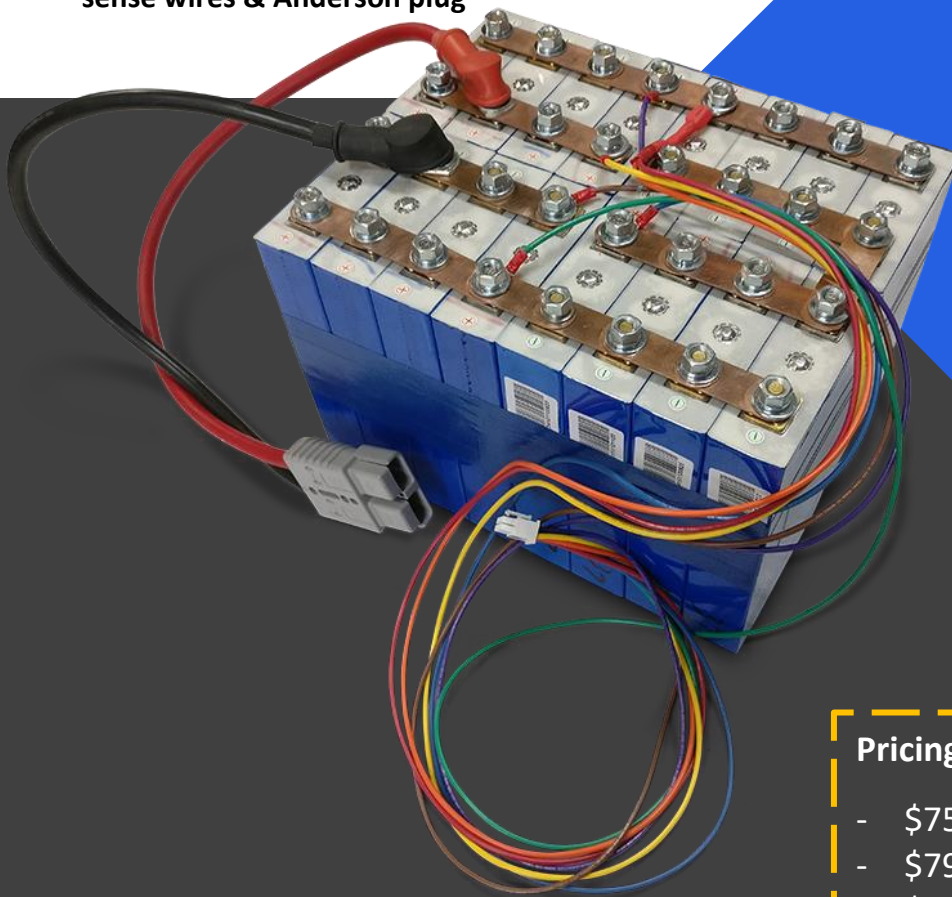


**8 cells in parallel:
3.2V 400Ah Pack**



**4 Series 4 Parallel:
12V 200Ah Pack with BMS
sense wires & Anderson plug**

**4 Series 4 Parallel:
12V 200Ah Pack with BMS
sense wires & Anderson plug**



Connect cells in parallel to increase Ah capacity.
Connect cells in series to increase voltage.

LBS LITHIUM
BATTERY
SYSTEMS
POWERING FREEDOM

Pricing – April 2018

- \$75 per cell (boxes of 16 cells)
- \$79 per cell (individual cells)
- \$1.50 per Cell Connector Link (100A cont, use 2 || for 200A etc)
- Cell balancing to 3.65V per cell: \$49 per box of 16

*cell price includes GST and nuts & washers
**excludes shipping and handling