

## Discover the LiFe04 Superior Range



Australian Designed and Engineered

IP 65 - For Indoor and Outdoor Installation

Starts at 2kW - up to 100kW Storage

Compatible with mainstream Hybrid Inverters

Can be installed with Soltaro Inverter as all-in-one

Natural Convection

Wall Mounted, Flexible Installation

10,000 cycles at 90% DOD

Plug and Play

20 Year Expected Life Expectancy



10 Year Warranty  
or 10,000  
Charging Cycles



Local &  
Remote  
Monitoring



Plug and Play



Expandable  
Storage



Expert  
Engineering



Clean Energy

WANT TO KNOW MORE?

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The future of clean energy is here.

## Discover the Soltaro Superior LiFeP04 Range

Lithium-Ion Phosphate (LiFeP04) battery technology is one of the most reliable, safe and long-lasting lithium technologies on the market. Due to its uniquely high chemical stability, the battery's application reliability is second to none, with exceptional durability and an IP65 rating for outdoor application.



### PHYSICAL SPECIFICATIONS

|                        | <b>-2KWH</b>    | <b>-2.5KW</b>   | <b>-4.5KWH</b>  | <b>-5.0KWH</b>  |
|------------------------|-----------------|-----------------|-----------------|-----------------|
| Scalability Range/Mode | Max 5 modules*  | Max 5 modules*  | Max 5 modules*  | Max 5 modules*  |
| Installation Mode      | Wall Mounted    | Wall Mounted    | Wall Mounted    | Wall Mounted    |
| Dimensions (WxHxD)     | 412 x 387 x 183 | 414 x 470 x 185 | 414 x 621 x 185 | 414 x 750 x 185 |
| Weight                 | 33kg            | 30kg            | 48kg            | 60kg            |

\*With BMU

### PERFORMANCE SPECIFICATIONS

|                               | <b>-2KWH</b>                                      | <b>-2.5KW</b> | <b>-4.5KWH</b> | <b>-5KWH</b> |
|-------------------------------|---|---------------|----------------|--------------|
| Total Energy (kWh)            | 2kWh  | 2.5 kWh       | 4.5 kWh        | 5 kWh        |
| Usable Energy (kWh)           | 1.8kWh  | 2.25 kWh      | 4.05 kWh       | 4.5kWh       |
| Nominal Voltage (V)           | 51.2 V  | 51.2 V        | 51.2 V         | 51.2 V       |
| Nominal Capacity (Ah)         | 40 AH   | 50 AH         | 90 AH          | 100 AH       |
| Operational Voltage Range (V) | 40V-58.4V   | 40V-58.4V     | 40V-58.4V      | 40V-58.4V    |
| Nominal Charge Current (A)    | 40  | 50            | 45 A           | 50 A         |
| Nominal Discharge Current (A) | 40  | 60            | 100            | 100          |
| Calendar Life (Year)          | 20 Years @ 25°C, 15 years @ 35°C, 10 years @ 45°C |               |                |              |
| Depth of Discharge            | 90%   | 90%           | 90%            | 90%          |

### COMPLIANCE SPECIFICATIONS

|                             | <b>LiFeP04 Range</b>                              |
|-----------------------------|---|
| Data Communications         | RS485/CAN   |
| Temperature                 | 0-45°C Charge*<br>-20°C-55°C Discharge            |
| Enclosure Protection Rating | IP 65   |
| Standard Warranty           | 10,000 cycles @ 90% DOD, or 10 years              |
| Certificates                | UL1642/ UL1973/ I EC6261 I EC60950/ I EC60068/ CE |

\*Optional -45°C low temperature charge