

Discover the LiFe04 Superior Range



Australian Designed and Engineered

IP 65 - For Indoor and Outdoor Installation

Expandable to grow with you

Compatible with most 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



10 Year Warranty
or 10,000
Charging Cycles



Local &
Remote
Monitoring



Plug and Play



Expandable
Storage



Expert
Engineering



Clean Energy

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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

	-2KWH	-2.5KWH	-4.5KWH	-5.0KWH
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

*Parallel without BMU **With BMU

PERFORMANCE SPECIFICATIONS

	-2KWH	-2.5KWH	-4.5KWH	-5KWH
Total Energy (kWh)	2kWh	2.5 kWh	4.5 kWh	5 kWh
Usable Energy (kWh)	1.8kWh	2.25 kWh	4.05 kWh	4.45kWh
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	90	100
Nominal Discharge Current (A)	40	50	90	100
Peak Discharge Current (A)	60	60	90	110
Calendar Life (Year)	20 Years @ 25°C, 15 years @ 35°C, 10 years @ 45°C			
Depth of Discharge	90%	90%	90%	90%

COMPLIANCE SPECIFICATIONS

	LiFeP04 Range
Data Communications	RS485/CAN
Temperature	0-45°C Charge* -20°C-55°C Discharge
Enclosure Protection Rating	IP 65
Standard Warranty	10,000 cycles @ 90% DOD, or 10 years
Certificates	UI1642/ UI1973/ I EC6261 I EC60950/ I EC60068/ CE
Compatible Inverters	Soltaro/ SMA SunnyIslandI VictronIImeon/ Voltronic/ SolaX/ GoodWe/ SofarSolarI Solis/ Studer

*Optional -45°C low temperature charge