



Discover the LiFe04 Superior Range

Australian Designed and Engineered

Home Appliances Touch, IP21

10 Year Warranty or 10,000 Charging Cycles

Expandable, to grow with you

Compatible with most mainstream Hybrid Inverters

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 IP 21 rating for indoor application.



PHYSICAL SPECIFICATIONS

	-2KWH	-2.5KWH	-4.5KWH	-5KWH
Scalability Range/Mode	Max 5 modules*	Max 5 modules*	Max 5 modules*	Max 5 modules*
Installation Mode	Wall Mounted/Stackable	Free Stand	Free Stand	Free Stand
Dimensions (WxHxD)	210 x 489 x 339mm	152.6 x 483 x 339mm	153 x 640 x 335mm	308 x 471 x 278mm
Weight	33kg	30kg	46kg	60kg

*Parallel without BMU

**With BMU

PERFORMANCE SPECIFICATIONS

	-2KWH	-2.5KWH	-4.5KWH	-5KWH
Total Energy (kWh)	2 kWh	2.5kWh	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	50	90	100
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 / -10-45° C Stock Storage
Enclosure Protection Rating	IP 21
Standard Warranty	10,000 cycles @ 90% DOD, or 10 years
Certificates (cell)	ULI 642/ ULI1973/ IEC6261 IEC60950/ IEC60068/ CE
Compatible Inverters	Soltaro/ SMA SunnyIsland/ Victron/ Imeon/ Voltronic/ SolaX/ GoodWe/ SofarSolar/ Solis/ Studer

*Optional -45°C low temperature charge