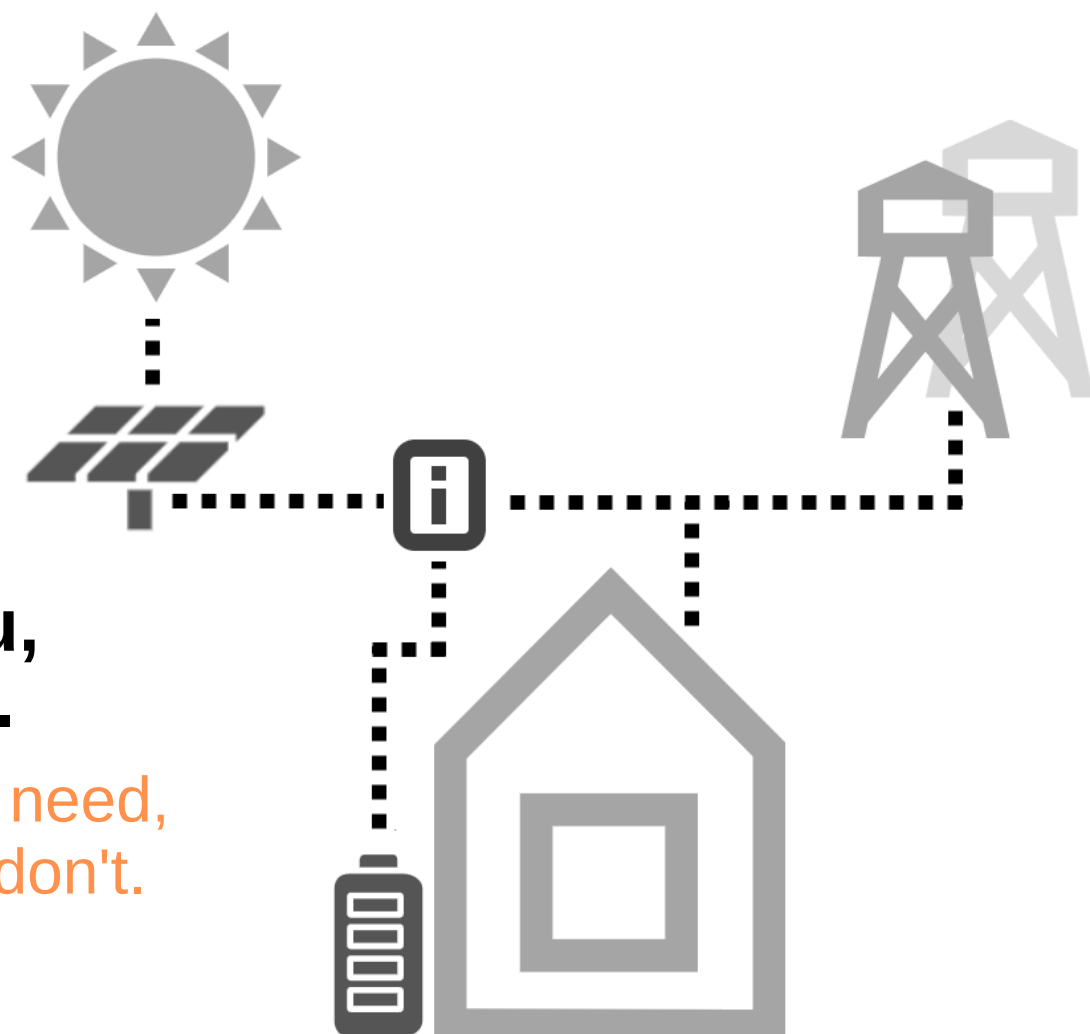




The future of clean energy is here.

Discover the Soltaro Superior LiFeP04 Range.



**Sun for you,
Sun for me.**

Use what you need,
sell what you don't.

LiFeP04 Superior Range

Australian Designed and Engineered

Nature Convection, IP 65

Wall Mounted, flexible installation

Stackable to grow with you

Compatible with all mainstream Hybrid Inverters

10,000 cycles at 90% DOD

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

The future of clean energy is here.

Discover the Soltaro Superior LiFeP04 Range

Lithium-Iron 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	-4.5KWH
Scalability Range/Mode	Max 5 modules*	No Limitation**
Installation Mode	Wall mounted / Sit on ground	
Dimensions [WxHxD]	412 x 387 x 183	412 x 746 x 183
Weight	33 kg	38 kg

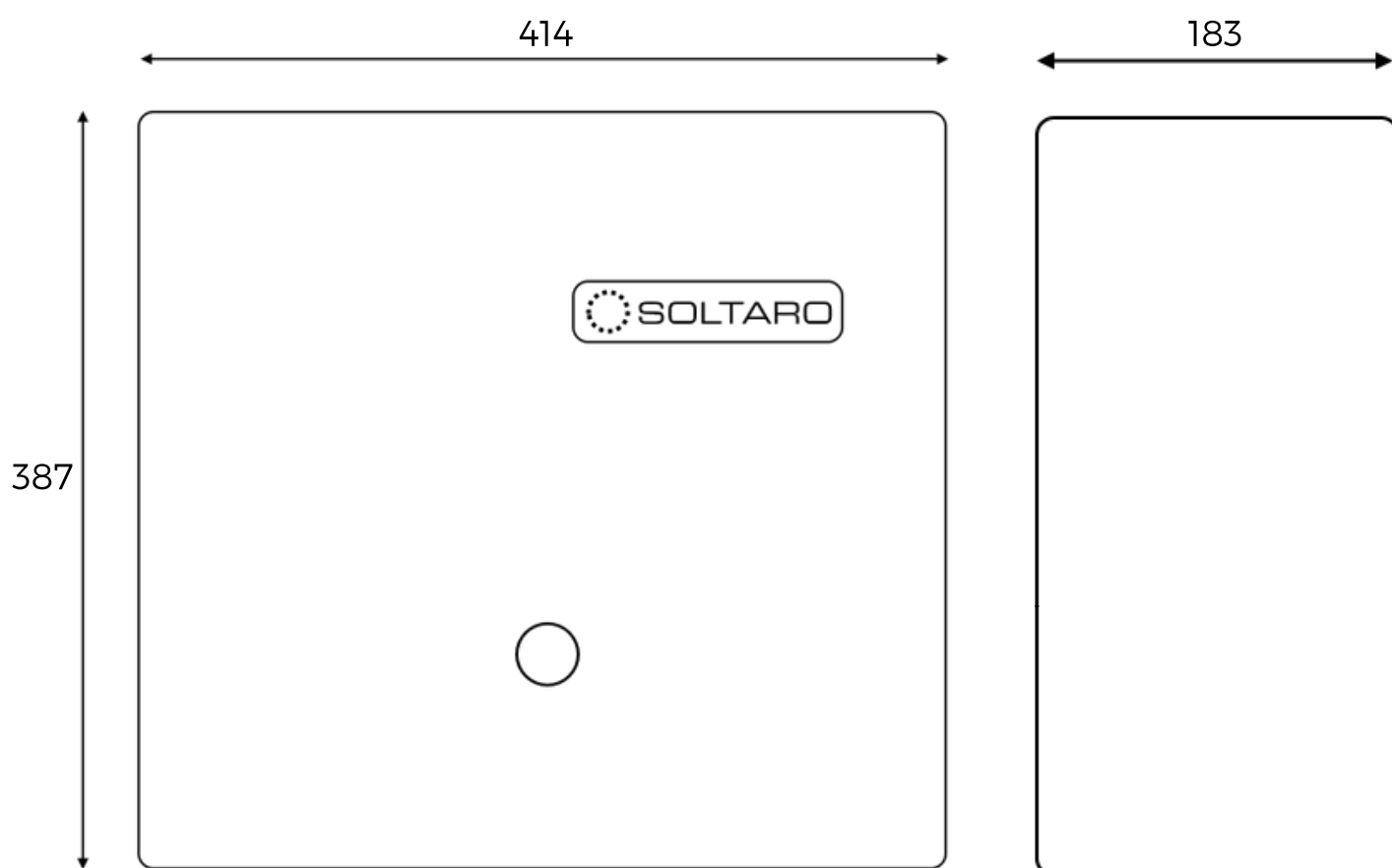
* Parallell without BMU
** With BMU

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 (Cell)	UL 1642, IEC62133
Certificates (Pack)	UL 1973, IEC62619, UN38.3
Compatible Inverters	Soltaro, SolaX and Mass Energy

* Optional -45°C low temperature charge

ST-2KWH-LFP



PERFORMANCE SPECIFICATIONS

	-2KWH	-4.5KWH
Total Energy [kWh]	2 kWh	5 kWh
Usable Energy [kWh]	1.8 kWh	4.05 kWh
Nominal Voltage [V]	51.2 V	51.2 V
Nominal Capacity [Ah]	40 AH	90 AH
Operation Voltage Range [V]	40V-58.4V	40V-58.4V
Nominal Charge Current [A]	40 A(I C)	90 A(I C)
Nominal Discharge Current [A]	40 A(I C)	90 A(I C)
Peak Discharge Current [A]	60 A(1.5C)*	120 A(1.2C)*
Calendar Life [Year]	20 years @25°C, 15 years @35°C, 10 years @45°C	
Depth of Discharge	90%	

* For 2 minutes

ST-4.5KWH-LFP

