

SOLTARO BATTERIES

LiFePO4 - 2kWh Battery



Modular



Scalable



Intelligent



Optional 2C/2C

20 Year Life Expectancy/10,000 Cycles

Class Leading Features

- Visually pleasing for domestic and commercial environment
- 90% depth of discharge, 10,000 cycles
- Plug & Play with online monitoring
- 10 year warranty for materials and workmanship, 20 year upgrade
- Compatible with SolaX, Goodwe, Imeon, Ingeteam & LiVoltek
- Automatic unit isolation if fault occurs
- Start at 2kWh up to 100kWh of storage

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Manufactured in China



SOLTARO
POWERING THE FUTURE WITH SOLAR



Scalable



Intelligent



Optional 2C/2C



LiFePO₄

Lithium-iron phosphate (LiFePO₄) battery technology is one of the most reliable, safe and long-lasting lithium battery technologies currently available due to its uniquely high chemical stability, resulting in extremely high application reliability and long life

Datasheet

Model	Soltaro 2kWh
Total Energy (kWh)	2kWh
Useable Energy (kWh)	1.8kWh
Capacity (Ah)	40Ah
Nominal Voltage (V)	51.2V
Voltage Range (V)	40V - 58.4V
Nominal Charge Current (A)	40A (1C)
Nominal Discharge Current (A)	40A (1C)
Peak Discharge Current (A)	60A (1.5C) 10 mins
Connection Mode	Parallel
Scalability Range/Mode	5 PCS without BMU, No limitation with BMU
Installation	Wall Mounted
Communication	RS485/CAN
Temperature Range (°C)	0°C - 45°C charge (option - 45°C low temp charge) -20°C - 55°C discharge
Enclosure IP Rating	IP65
Calendar Life (Year)	20 years @ 25°C, 15 years @ 35°C, 10 years @ 45°C
DOD	90%
Dimensions & Weight	412 x 387 x 183mm, 30kgs
Standard Warranty	10,000 cycles @ 90% DOD or 10 years, (earliest of either)
Cell Certificates	UL1642, IEC62133
Product Certificates	UL1973, IEC62619, UN38.3
Compatible Inverters	SolaX, Goodwe, Imeon, Ingeteam, LiVoltek Retro & Hyper Series

