

DECLARE OF POWER INDEPENDENCE

THE FUTURE OF CLEAN ENERGY IS HERE-SOLTARO 3KWH/5KWH

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 and resulting extremely high application reliability, durability and long life.



Modular



Scalable



Intelligent



Optional 2C/2C

Totally different solar storage solutions!

With more than two decades of LFP technology basic research, SOLTARO Battery offer 10,000 cycles with 10 years standard quality warranty for our LFP storage products range, and our LFP storage solution is based on modular designing with flexible scalability targeting both residential and commercial storage applications like smooth renewable energy power output, peak shaving, and meet short falls (supply backup power during a loss of generation or transmission outage).



Models	Soltaro 3KWH	Soltaro 5KWH
Total Energy [kWh]	3KWH	5KWH
Useable Energy [kWh]	2.76KWH	4.6KWH
Capacity [Ah]	60AH	100Ah
Nominal Voltage [V]	51.2V	51.2V
Voltage Range [V]	40V~58.4V	40V~58.4V
Nominal Charge Current [A]	60A (1C)	60A (0.6C)
Nominal Discharge Current [A]	60A (1C)	60A (0.6C)
Peak Discharge Current [A]	80A (1.3C) for 10 minutes	80A (0.8C) for 10 minutes
Connection Mode	Parallel	Parallel
Scalability Range	5PCS without PCU, 10PCS with PCU	
Installation Mode	Ground Sit and fix on wall	
Communication	CAN 2.0B	CAN 2.0B
Temperature	0°C~45°C Charge (Option-45°C low temperature charge) -20°C~55°C Discharge	
Enclosure Protection Rating	IP21	IP21
Calendar Life [Year]	20 years @25°C, 15 years @35°C, 10 years @45°C	
Depth of Discharge	90%	90%
Dimension [W*H*D, mm]	510*595*247mm	510*650*247mm
Weight [kg]	40KG	65KG
Standard Warranty	10 years for materials and workmanship	
Certificates Cell	UI1642, IEC62133	
Product	UI1973, IEC62619, UN38.3	
Compatible Inverters	LiVoltek Retro&Hyper Series, Ingeteam, Imeon, SolaX, Goodwe etc.	