

High-voltage Stacked Battery

High voltage LFP battery pack
(10KWh-30KWh)

Compatible with multiple brands of
hybrid solar inverters,

Suitable for home storage. Battery pack
stacking design, easy to install

Installation and scheduling can meet
different energy storage needs.



Supports up to 5 units in parallel



High security, using A-grade battery
cells



Flexible application, supporting 2-6
layers of stacking



Compatible with multiple PCS
brands

Technical Indicator

Product Performance					
Battery type	LFP				
Nominal Battery Energy	10.24KWh	15.36KWh	20.48KWh	25.6KWh	30.72KWh
Nominal Capacity	50Ah	50Ah	50Ah	50Ah	50Ah
Nominal Voltage	204.8V	307.2V	409.6V	512.0V	614.4V
Operating Voltage Range	182V-230V	273V-345V	364V-460.8V	456V-576V	547V-691V
Module Number	2	3	4	5	6
Standard Charging Current	26A @ 25°C				
Max. Constant Charging Current	100A @ 25°C				
Standard Discharging Current	26A @ 25°C				
Max. Discharging Current	100A @ 25°C				
Depth of Discharge(DOD)	80%				
Design Life	6000 times @80%DOD , 25°C, 0.5C				
Warranty	5 years				
Protection	Over-temperature, over-charge, under-voltage, over-current, short circuit alarm Function				
Communication	CAN/RS485				
General Specification					
Dimensions (L*W*Hmm)	750*231*806	750*231*1056	750*231*1306	750*231*1556	750*231*1806
Weight	Approx:149kg	Approx:201kg	Approx:255kg	Approx:306kg	Approx:358kg
Shipping Status SOC	20%~30%				
Charging Temperature	0~+50°C				
Discharging Temperature	-20°C~+55°C				
Short Term Storage Ambient Temperature	-20~+35°C(<3 months, 20%~60%SOC)				
Long Term Storage Ambient Temperature	-20 ~+30°C(<1 year, 30%~60% SOC)				
Max. Operating Altitude	4,000m(Derating above 2,000m)				
Relative Humidity	5%-95%				
Cooling	Air cooling				
Certification	TUV/CE/IEC62619/UN38.3				