

Energy Storage System Stacked Series

LFP 2.4-19.2 kWh

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SOC dynamic calibration

2

Accuracy of current & cell
voltage acquisition

PRODUCT FEATURES



Reliable LFP Cells



Easy Installation &
After Sales Service



Intelligent
Build in BMS



Safety Protection
and Easy Move



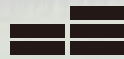
High Inverter
Compatibility



Digital monitoring
system APP

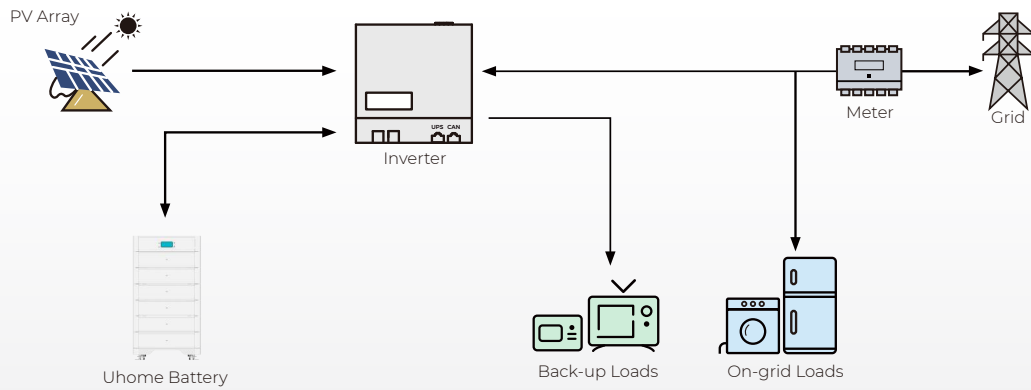


>6,000 Cycles
at 90% DOD



Scalable up to
2.4-19.2kWh(8S8P)





Product Type	LFP 2.4~19.2 kWh							
Technical Specifications								
Nominal Capacity	2.4kWh	4.8kWh	7.2kWh	9.6kWh	12kWh	14.4kWh	16.8kWh	19.2kWh
Size (L × W ×H) (mm)	650 x300x439	650x300x600	650x300x770	650x300x940	650x300x1110	650x300x1280	650x300x1450	650x300x1620
Weight	46kg	74.5kg	103kg	131.5kg	160kg	188.5kg	217kg	245.5kg
Maximum Usable Capacity	2.16kWh	4.32kWh	6.48kWh	8.64kWh	10.80kWh	12.96kWh	15.12kWh	17.28kWh
Rated Discharge/ Charge Current	30A	60A	90A	120A	150A	180A	200A	200A
Nominal Dis-/Charge Power	1.4kW	2.8kW	4.2kW	5.6kW	7.0kW	8.4kW	9.2kW	9.2kW
Parallel Peak Power(Only Discharge)	2.4kW for 3s	4.8kW for 3s	7.2kW for 3s	9.6kW for 3s	12.0kW for 3s	14.4kW for 3s	16.0kW for 3s	16.0kW for 3s
Series Peak Power(Only Discharge)	2.4kW for 3s	4.8kW for 3s	7.2kW for 3s	9.6kW for 3s	12.0kW for 3s	14.4kW for 3s	16.8kW for 3s	19.2kW for 3s
Nominal Voltage in Series	45~52.5Vd.c	90~105Vd.c	135~157.5Vd.c	180~210Vd.c	225~262.5Vd.c	270~315Vd.c	315~367.5Vd.c	360~420Vd.c
Voltage	45~52.5Vd.c							
Nominal Voltage(In parallel)	48V							
Max. Battery Voltage	54V							
Max.recommended DOD	90%							
Operating Condition	Indoor or outdoor							
Discharge Temperature	From -10~55 C							
Charge Temperature	From 0~50 C							
WIFI Frequency Range	2400MHz~2483MHz							
Humidity	<95%(No condensed water)							
IP rating	IP 65							
Cooling Type	Natural cooling							
Case Material	Aluminium alloy							
Efficiency	≥96%							
Protective Class	I							
Max. Number of Series or Parallel	8S/8P							
Warranty	10 years							
Life Span	>15 years							
Communication	CAN/ RS485							
Battery Protection	Over-current/Over-voltage/Short circuit/ Under-voltage/Over temperature/Low temperature							
Hazardous Material classification	9							
Certifications	CE/UL 1973/IEC 62619/IEC62477/IEC 62040/MSDS/UN 38.3							