

High-voltage Stacked Battery

The high-voltage LFP battery pack with BYD battery management system is compatible with a wide range of hybrid solar inverters (20KW-50KW) and is suitable for small commercial and industrial energy storage systems. Easy to install and dispatch to meet different energy storage needs.

Stackable design, battery capacity can be increased freely and flexibly according to commercial and office usage.



Supports up to 5 units in parallel



Enhanced safety through use of BYD blade batteries



Flexible configuration, supports 2 to 5 layers



Compatible with multiple PCS brands

Technical Indicator

Model	A11-026KHAA	A11-039KHAA	A11-053KHAA	A11-066KHAA
Product Performance				
Battery type	LFP			
Nominal Battery Energy	26.62KWh	39.93KWh	53.25KWh	66.56KWh
Nominal Capacity	130Ah	130Ah	130Ah	130Ah
Nominal Voltage	204.8V	307.2V	409.6V	512.0V
Operating Voltage Range	192V-230V	270V-345.6V	384V-460.8V	480V-576V
Module Number	2	3	4	5
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			
Cell Technology	BYD Blade Lithium-iron phosphate(LiFePO4)			
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)	1120*420*800	1120*420*1030	1120*420*1260	1120*420*1490
Weight	Approx:315kg	Approx:445kg	Approx:575kg	Approx:705kg
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			