

Rack Battery

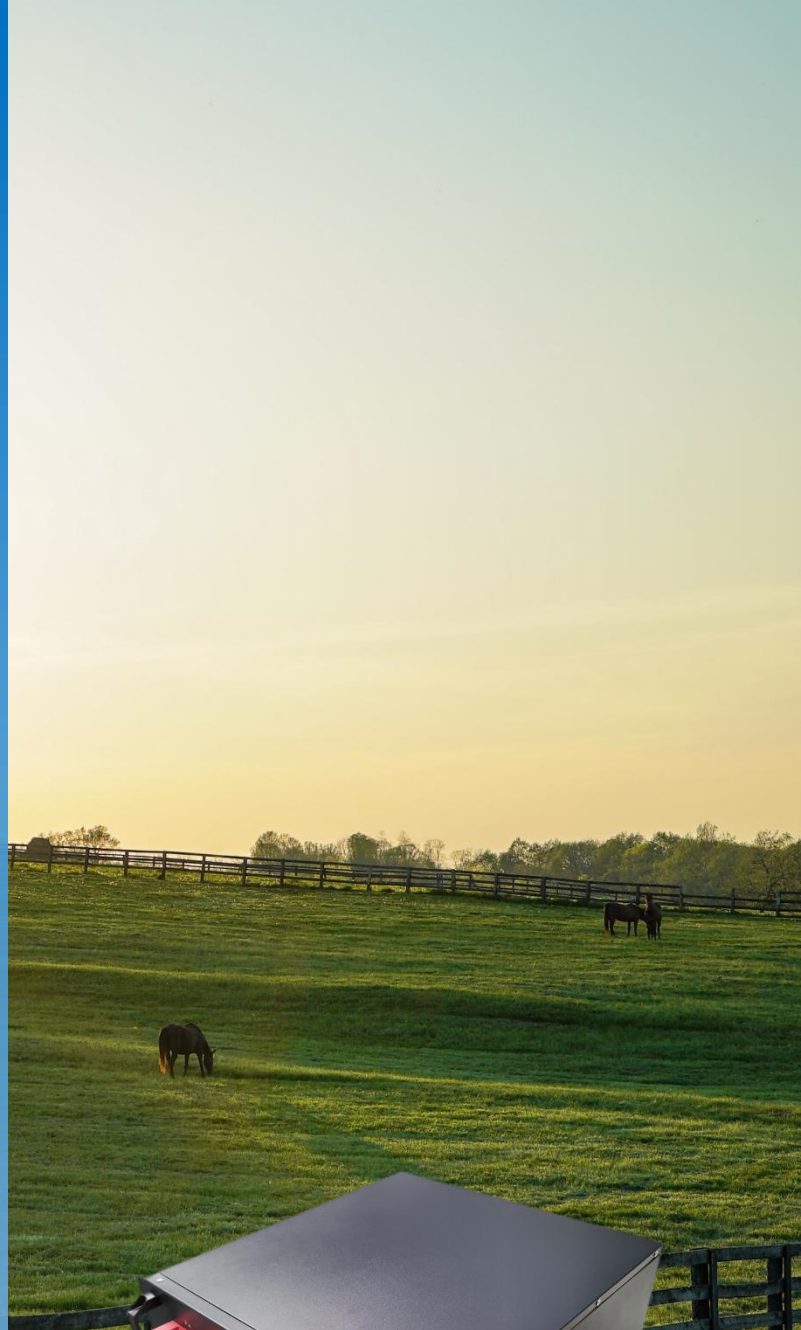
48V/51.2V, 100Ah

This product is compatible with hybrid inverters.

The standard configuration is a 19-inch rack-mounted 48V/51.2V battery system.

The product supports capacity expansion from 4.8KWh to 81.92KWh. Designed to last more than 10 years.

Suitable for residential, factory, farm, ranch and other applications.



Small volume, high density, 3U height



Supports a variety of mounting methods, including cabinet and rack stacking



Compact module design



Easily expandable multi-series product design

Technical Indicator

Model	A11-4800AAA	A11-5120AAA	A11-010KEAA	A11-015KEAA	A11-020KEAA	A11-025KEAA	A11-030KEAA
Nominal Voltage	48V (15S)	≤50mΩ (16S)	48V/51.2V (optional)				
Nominal Capacity	100Ah	100Ah	200Ah	300Ah	400Ah	500Ah	600Ah
Nominal Energy	4.8KWh	5.12KWh	10KWh	15KWh	20KWh	25KWh	30KWh
Internal Resistance (AC)	≤60mΩ		≤50mΩ				
Cycle Life	≥5000cycles@80%DOD,25°C, 0.5C						
	≥4000cycles@80%DOD,40°C, 0.5C						
Design Life	≥10 years						
Recommended Charging Voltage	53V ±0.5V(15S);56.0V±0.5V(16S)						
Maximum Operating Current	100A	100A	150A	200A	300A	300A	300A
Discharge Cut-off Voltage	45V±1.0V(15S);48V±1.0V(16S);						
Charging Temperature Range	0°C~50°C						
Discharge Temperature Range	-20°C~55°C						
Storage Temperature Range	-20°C~45°C @ 60%±25% relative humidity						
Dimensions (W*D*Hmm)	133*442*400	133*442*400	483*460*186	483*460*372	483*460*558	483*460*744	483*460*930
Weight	41kg	43kg	110kg	165kg	230kg	285kg	340kg
Communication	RS232-PC,RS485(B)-PC						
	RS485(A)-Inverter, Canbus-Inverter						
Number of Parallel Connections	Supports up to 32 sets of batteries in parallel		Single cluster supports up to 6 pack of batteries in parallel				
Certification	UN38.3,MSDS,UL1973(Cell),IEC62619(Cell)						