

Rack/Cabinet Energy Storage Lithium Battery



Rack installation



Cabinet installation



Specification	48V50Ah	51.2V50Ah	48V100Ah	51.2V100Ah	48V200Ah	51.2V200Ah
Cell Combination	15S1P	16S1P	15S1P	16S1P	15S1P	16S1P
Battery pack capacity	2.4kWh	2.56kWh	4.8kWh	5.12kWh	9.6kWh	10.24kWh
Standard discharge current	50A	50A	50A	50A	50A	50A
Max. discharge current	100A	100A	100A	100A	105A	105A
Working voltage range	40.5-54VDC	43.2-57.6VDC	40.5-54VDC	43.2-57.6VDC	40.5-54VDC	43.2-57.6VDC
Standard Voltage	48VDC	51.2VDC	48VDC	51.2VDC	48VDC	51.2VDC
Max. charging current	50A	50A	50A	50A	105A	105A
Max. charging voltage	54V	57.6V	54V	57.6V	54V	57.6V
Discharge depth and life	>6000 times (0.5C@25°C) Energy retention rate ≥80%					
Working humidity	65±20%RH					
Operating temperature	-10~+50°C					
Working altitude	≤2500m					
Firefighting	Aerosol PACK 12g					
Cooling method	Natural cooling					
Installation method	Cabinet/Rack Mount					
International Protection	IP20					
Max of parallel	15PCS					
Warranty	5~10 Years					
Communication method	Default: RS485/RS232/CAN(Optional WiFi/4G/Bluetooth)					
Certified product	CE ROHS FCC UN38.3 MSDS ISO9001					
Product Size	440*484*88mm		440*484*178mm		440*796*178mm	
Package Size	500*555*130mm		555*500*235mm		570*1010*365mm	
Net weight	25kg	37kg	41kg	45kg	101kg	105kg
Gross weight	30kg	42kg	49kg	55kg	111kg	115kg