

# Stacked Energy Storage Lithium Battery



Model	48100		48200	
Specification	48V100Ah	51.2V100Ah	48V200Ah	51.2V200Ah
Combination	15S1P	16S1P	15S1P	16S1P
Capacity	4.8KWh	5.12KWh	9.6KWh	10.24KWh
Standard discharge current	50A	50A	50A	50A
Max. discharge current	100A	100A	100A	100A
Working voltage range	40.5-54VDC	43.2-57.6VDC	40.5-54VDC	43.2-57.6VDC
Standard Voltage	48VDC	51.2VDC	48VDC	51.2VDC
Max. charging current	50A	50A	100A	100A
Max. charging voltage	54V	57.6V	54V	57.6V
Cycle	3000~6000cycles @DOD 80%/25°C/0.5C			
Working humidity	65±20%RH			
Operating temperature	-10~+50°C			
Working altitude	≤2500m			
Cooling method	Natural cooling			
Installation	Stack installation			
Protection level	IP20			
Max of parallel	15PCS			
Warranty	5~10 Years			
Communication	Default: RS485/RS232/CAN Optional: WiFi/4G/Bluetooth			
Certified	CE ROHS FCC UN38.3 MSDS			
Product Size	400*200*460mm		400*240*460mm	
Package Size	460*230*545mm		460*270*545mm	
Net weight	50kg	53kg	102kg	106kg
Gross weight	55kg	58kg	112kg	116kg

\*Voltage, capacity, size/color customization, OEM/ODM services can be provided according to customer needs