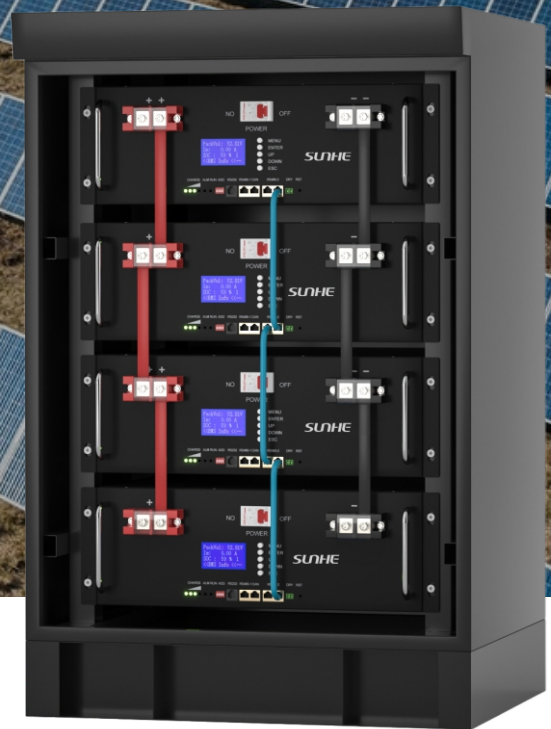


RACK MOUNTED BATTERY


SHRM 2.5/5/7/10kWh


Low voltage LFP battery



 Safety in use


 Low self discharge rate

 Good high & low temperature performance

 Long cycle life and long service life span

 High energy density and conversion efficiency

 Environmental friendly without heavy metal

 Smart BMS match all brands of inverter

 Easy installation plug and play

Technical Data	RM01-50AH	RM01-100AH	RM01-150AH	RM01-200AH
	 2 modules	 3 modules	 4 modules	 5 modules
Performance parameters				
Nominal Voltage	51.2V			
Nominal Capacity	50Ah	100Ah	150Ah	200Ah
Energy	2.56kWh	5.12kWh	7.68kWh	10.24kWh
Internal Resistance	≤20mΩ			
Cycle Life	>6000 cycles			
Months Self Discharge	<3%			
Efficiency of Charge	100% @0.2C			
Efficiency of Discharge	96~99% @1C			
Standard Charge				
Charge Voltage	58.4±0.2V			
Charge Mode	0.2C to 58.4V, then 58.4,charge current 0.02C(CC/CV)			
Charge Current	50A			
Max. Charge Current	75A			
Charge Cut-off Voltage	59.2V±0.2V			
Standard Discharge				
Continuous Current	50A	50A	100A	100A
Max. Pulse Current	100A	100A	200A	200A
Discharge Cut-off Voltage	40V			
Environmental				
Charge Temperature	0 °C to 45 °C (32F to 113F) @60±25% Relative Humidity			
Discharge Temperature	-20°C to 60°C (-4F to 140F) @60±25% Relative Humidity			
Storage Temperature	0 °C to 40 °C (32F to 104F) @60±25% Relative Humidity			
Water Dust Resistant	IP30			
Cell & Method	3.2V100AH-16S1P			
Mechanical				
Case	Iron shell 4U standard case			
Dimensions (in./mm.)	482*400*177MM	482*400*177MM	482*400*177MM	482*500*280MM
Weight (lbs./kg.)	43kg	43kg	43kg	84kg
Terminal	100A through terminal			
Protocol (optional)	RS485/RS232/CAN			
BMS	Smart BMS 16S100A			