



Rack LiFePO4 Battery



Compatible with 19" rack



Product Features:

- LFP (lithium iron phosphate) cell to ensure the highest safety, high energy density, wide temperature range, longer cycle life.
- Built-In BMS protects the cell such as temperature, current, voltage, SoC, SoH.
- Supports RS485, RS232, CANBUS for communication.
- Compact modular design for maximum capacity flexibility, minimize installation time and cost.
- Possibility of connection in parallel with up to 10 pieces.

Product list

Model	SWA4850-RM	SWA48100-RM	SWA48150-RM	SWA48200-RM
Basic Parameters				
Rated Voltage	48V	48V	48V	48V
Rated Capacity (0.2°C, @25°C)	50Ah	100Ah	150Ah	200Ah
Rated Energy	2400Wh	4800Wh	7200Wh	9600Wh
Operating Parameters				
Output Voltage Range	42V~54V	42V~54V	42V~54V	42V~54V
Charging Voltage	54±0.20V	54±0.20V	54±0.20V	54±0.20V
Cut-off Voltage	40.5V	40.5V	40.5V	40.5V
Max. Charging Current	50A	100A	100A	50A
Recommended Charging Current	25A	50A	50A	50A
Max. Discharging Current	50A	100A	100A	100A
Efficiency	>98%	>98%	>98%	>98%
Physical				
Dimension L*W*H (mm)	480*442*135	480*442*155	500*442*226	600*442*226
Weight (kg)	28	45	58	86
Environment				
Humidity	5%~95% Relative humidity			
Charging Temperature	0°C~65°C			
Discharging Temperature	-20°C~65°C			
Storage Temperature	-10°C~30°C			
Service Life				
Cycle Life	>6500times (0.2C, @25°C, 80%DOD)			
Design Life	>10 years			