






# Energy Storage LiFePO4 Battery---Wall Box Model



## Product Features

-  LFP (lithium iron phosphate) cell to ensure the highest safety.
-  Built-In BMS protects the cell such as temperature, current, voltage, SoC, SoH.
-  Extra long cycle life times with 6500 cycles with 80% DoD.
-  Compatible with most of the available inverters.
-  Possibility of parallel connection with up to 16 pieces.

## Product list

Module	SWA48100-WM	SWA48200-WM
<b>Basic Parameters</b>		
Rated Voltage	48V	48V
Rated Capacity (0.2°C, @25°C)	100Ah	200Ah
Rated Energy	4800Wh	9600Wh
<b>Operating Parameters</b>		
Output Voltage Range	42V~54V	42V~54V
Charging Voltage	54±0.20V	54±0.20V
Cut-off Voltage	40.5V	40.5V
Max. Charging Current	100A	100A
Recommended Charging Current	50A	50A
Max. Discharging Current	100A	100A
Efficiency	>98%	>98%
<b>Physical</b>		
Dimension L*W*H( mm )	400*629*160	400*640*223
Weight ( kg )	53	85
<b>Environment</b>		
Humidity	5%~95% Relative humidity	
Charging Temperature	0°C~65°C	
Discharging Temperature	-20°C~65°C	
Storage Temperature	-10°C~30°C	
<b>Service Life</b>		
Cycle Life	>6500 times ( 0.2C, @25°C, 80%DOD )	
Design Life	>10 years	