



SOLECTRA

Wall-mounted battery - Rack mount lithium battery

4.8KWH 48V HOME ENERGY STORAGE SYSTEM



Features:

HIGHER EFFICIENCY COMES WITH HIGHER PERFORMANCE



6000 cycles at 80% DOD



1C/1C continual charge and discharge



Low voltage safety connection



5 years standard warranty



Superior LiFePO4 safety performance

Compatible with inverter brands

Battery BMS is freely compatible with multiple inverter brands in the market.





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Parameters

Product Model	Rack-mounted battery	Wall-mounted battery
Nominal Energy	4.8KWh	4.8KWh
Nominal Voltage	48V	48V
Nominal Capacity	100Ah	100Ah
Cell Type	LFP	LFP
Standard Charge Voltage	52.5V	52.5V
Max Charge Current	100A	100A
Discharge Cut-Off Voltage	37.5V(adjustable)	37.5V(adjustable)
Max Discharge Current	100A	100A
Parallel Function	Support 10 Units in Parallel	Support 10 Units in Parallel
Warranty	5 years	5 years
Cycle Life *	≥6000 Cycles(80%DOD)	≥6000 Cycles(80%DOD)
Dimensions	440*440*132mm	480*650*180mm
Weight	47.5Kg	50Kg
Wi-Fi Function	NO	YES
Installation method	(Rack mounted)	(Wall mounted)
Charge temperature range	0~65°C	
Discharge temperature range	-20~65°C	
Certification	Cell: ROHS / MSDS / UN38.3 Pack:MSDS / UN38.3	

*Test Condition:80%DOD, 0.2C charge & discharge @25°C