

Household Energy System

WALL MOUNTED BATTERY

M-LFP48100 H 16S-C2-S

M-LFP48100 H 16S-C1-S

51.2V 100AH



FEATURES

■ SAFETY

LiFePO4 battery, adopt high-quality and large brand battery cells, longer cycle life and much more safety.

■ DESIGN

Flexible and easily installation.
-20 °C-60 °C widely temperature range.
Maintenance free.

■ SCALABILITY

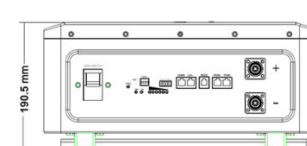
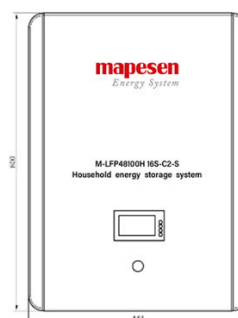
Parallel support for more energy.

■ COMPATIBILITY

Multiple protocol supported, work well with multiple mainstream brands of inverters.



Model	M-LFP48100H 16S-C2-S
Electrical Characteristics	
Nominal Voltage	51.2V
Nominal Capacity	100AH
Nominal Energy	5120W
Combination Method	16S1P
Cycle Life	≥3500 cycles @80% DOD @35°C
Months Self Discharge	≤1%/M
Efficiency of Charge	≥97%
Efficiency of Discharge	≥98%
Standard Charge	
Recommended Charging Voltage	57.6V
Recommended Charging Current	20A
Max. Charging Voltage	58.4V
Max. Charging Current	100A
Standard Discharge	
Recommended Discharging Current	50A
Max. Pulse Current	100A
Discharge Cut-off Voltage	43.2V
Environmental	
Charge Temperature	0 °C to 55°C
Discharge Temperature	-20 °C to 60 °C
Storage Temperature	0 °C to 40 °C
Other	
IP Class	IP54
Shell Material	Metal
Dimensions (in./mm)	600*442*170mm
Weight (lbs./kg)	48KGS
Protocol (optional)	CAN,Modbus



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