

## LW-M5.1



### Various Mounting Methods

Wall-mounted or floor-standing installations.



### High Safety

LFP & smart BMS.



### Wide Compatibility

Matching with leading inverters.



### Convenient

Battery module auto networking, easy maintenance, remotely monitoring and upgrade, support USB drive upgrade the firmware.

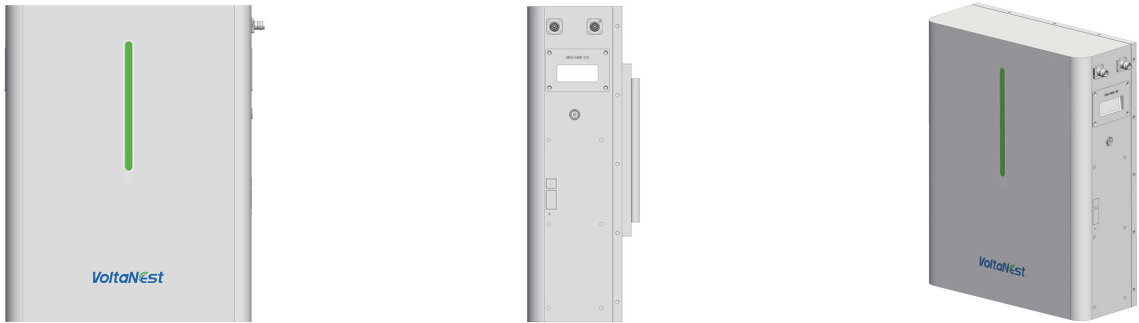


### Eco-Friendly

The whole module non-toxic, pollution-free.

LW-M5.1

Product Display



Model		LW-M5.1
Main Parameter		
Battery Type	LiFePO <sub>4</sub>	
Nominal Battery Energy	5.12kWh	
Nominal Capacity	100Ah	
Nominal Voltage	51.2V	
Operating Voltage	44.8 ~ 57.6V	
Charge/Discharge Current	50A(Recommended)/100A(Max)	
Other Parameter		
Depth of Discharge	90% DOD	
Dimension	430×180×549mm	
Weight	55kg	
Communication	CAN2.0, RS485, RS232	
IP Rating	IP54	
Operating Temperature	Charge : 0 ~ 55°C; Discharge : -20°C ~ 55°C	
Shelf Temperature	-20°C~60°C	
Humidity	95% non-condensing	
Altitude	≤2000 m	
Cycle Life	≥6000 ( 25°C±2°C, 0.5C / 0.5C, 90%DOD, 70%EOL )	
Installation	Wall-Mounted, Floor-Mounted	
Warranty	5 Years	
Certification	UN38.3, MSDS, CE	
Compatible Inverters	SMA/Schneider/Victron Energy/Ingeteam/Solis/GoodWe/Growatt/Soplanet/Luxpower/DEYE etc.	

## Battery Pack Accessories

Model	Accessories Parts Description	Remark
LW-M5.1-Hboard	Battery Hanging Board (Included)	Used for battery fixing on the wall
LW-M5.1-PCable	Hybrid inverter Cable (Included)	Battery power and communication cable connect with hybrid inverter
LW-M5.1-BCable	Battery Parallel Cable (Included)	Battery power and communication parallel connection cable



**Model: LW-M5.1-Hboard**  
Details: 3kg(Appr.)



**Model: LW-M5.1-PCable1500**

Details: Pair of 2/0AWG DC power cable (one end has a waterproof terminal, the other end is M10 copper terminal) and RJ45 communication cable connect with hybrid inverter (one end has a waterproof terminal) .The default length is 1500mm.



**Model: LW-M5.1-BCable300**

Details: Pair of 2/0AWG Battery power cable and RJ45 communication cable for battery parallel, both ends have waterproof terminals. The default length is 300mm.