

Grade A LFP(lithium iron phosphate) cells to ensure safety and performance



1 LFP (lithium iron phosphate) cell to ensure the highest safety

Multiple Modes Of Operation

Customized Logo

Multiple Shell Colors

Customized Capacity

WiFi & Bluetooth

2 Product Details



- 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

HIGH VOLTAGE SERIES



- 1)Optimal self-consumption during day&night.
- 2)Independence from solar radiation and public grid.
- 3)Economic, cost-cutting and ecofriendly.
- 4)Lightweight, safe and space saving.
- 5)Modular installation: the storage capacity can be adapted to your needs.

MMD-RMHV-112S280

General Information

Nominal Voltage	358.4Vdc
Nominal Capacity	280Ah
Nominal Energy	100352Wh/100kWh
Numbers of Module	7PCS in Series
Cell Connectivity	112S1P
Battery Chemistry	3.2V LiFePO4

Physical Information

Operating Voltage Range	302.4V to 408.8V
Cut-Off Voltage	280V
Recommended Charging Current	56A (0.2C)
Max. Discharging Current	150A
Efficiency (Round Trip)	≥98%
Dimension L*W*H(mm)	760*442*245
Weight (Kg)	110
Humidity	5%~95% Relative Humidity
Charging Temperature	0°C~55°C
Discharging Temperature	-20°C~55°C
Storage Temperature	-10°C~30°C
Cycle Life (0.2C, @25°C, 80%DoD)	≥6500 Times
Design Life	15 to 20 Years
Mounting Options	Rack Cabinet