



LV Rack-Mounted Battery Storage GO-RM-LV 5.1/10.2



Reassuring Foundation

Adopted the most stable and safe lithium iron phosphate (LiFePO₄) battery.



High Cost Performance

More than 6000 cycles, 10 years service life, providing long-term energy for your home.



Perfect Match

Compatible with inverters of most mainstream brands on the market.



High Safety

Build-in BMS, protection functions of discharge, over charge, over current, high temperature and low temperature.



Arbitrary Extension

2 capacity options: 5.1 and 10.2kWh. The same capacity of the battery can be freely expanded to meet the electricity demand in an all-round way.



All in Control

Equipped with RS232/ RS485/ CANbus ports and LCD monitoring screen, the battery status can be easily grasped.

Technical Specification

Model	GO-RM-LV 5.1	GO-RM-LV 10.2
Main Parameter		
Cell Technology	Lithium-iron Phosphate (LiFePO4)	
Nominal Energy	5.1kWh	10.2kWh
Usable Energy	5.0kWh	10kWh
Round-Trip Efficiency	98%	
Scalability	Max.15 Modules in Parallel	
Dimensions(L/W/H)	450*442*177mm	680*442*177mm
Weight	55kg	98kg
Installation	Indoor	
Warranty	5 Years Product Warranty	
	10 Years Performance Warranty	
Electrical Parameter		
Nominal Voltage	51.2V	
Nominal Capacity	100Ah	200Ah
Max Charge Current	100A	
Max. Cont. Charge Current	100A	
Max Discharge Current	100A	
Max. Cont. Discharge Current	100A	
Operating Voltage Range	48V~56V	
Standard Charge Voltage	56V±0.5	
Discharge Cut-Off Voltage	45V±0.5	
General Parameter		
Cycle Life	≥6000 Times (80%DoD)	
Service Life	10 Years	
Protection Rating	IP21	
Display	SOC Status Indicator, LED Indicator	
Communication	RS485, RS232, CAN	
Charge Temperature Range	0℃~60℃ (Under 0℃ extra heating mechanism)	
Discharge Temperature Range	-20℃~60℃ (Under 0℃work with reduced capacity)	
Storage Temperature Range	-40℃~55℃ @ 60%±25% relative humidity	
Compatible Inverters	SMA, Victron Energy, Deye, Goodwe, Growatt, Sermatec, etc.	

* Compatible tests with different brands of inverter are continuously, updates will be periodically.

** Under specific test conditions.