

Rack Mounted LifePO4 Battery

Low Voltage (51.2V)



Battery Module
MR-LFP5.12-LRT
51.2V / 100Ah (5.12kWh)



BP20LRT
(20kWh)

MR-LFP12-100-WMD

MR-LFP12-200-WMD

MR-LFP12-300-WMD

SPECIFICATIONS

Model	MR-LFP5.12-LRT	
Battery Type	REPT LiFePO4 Battery (Grade A)	MR-LFP24-100-WMD
Nominal Voltage	51.2V	MR-LFP24-200-WMD
Nominal Capacity	100Ah	MR-LFP24-314-WMD
Nominal Storage Energy	5.12kWh	
Cycle Life	≥6000 cycles @25°C, 70% EOL	
Design Life	≥10 years	MR-LFP48-100-WMD
Output Voltage Range	43.2V ~ 58.4V	MR-LFP48-200-WMD
Charging Voltage	57.6V ~ 58.4V	MR-LFP48-280-WMD
Max. Charging Current	100A	MR-LFP48-314-WMD
Rcmd. Charging Current	50A	MR-LFP48-350-WMD
Max. Discharging Current	100A	MR-LFP48-350-FSD
Efficiency	≥98%	MR-LFP48-560-FSD
Communication Interface	BMS(RS485, CAN), RS232, Parallel, Dry-contact	
Parallel Capacity	Up to 15 units	
Charging Temperature	0°C to 55°C	
Discharge Temperature	-20°C to 60°C	
Storage Temperature	-10°C to 30°C	
Humidity	5% ~ 95%	
Weight	480 × 442 × 155mm	
Dimension (L*W*H)	47kg	