MARSRIVA

LiFePO4 Battery



Marsriva Technology Co., Ltd.

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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
MR-LFP24-100-WMD
MR-LFP24-200-WMD
MR-LFP24-314-WMD
MR-LFP48-100-WMD
MR-LFP48-200-WMD
MR-LFP48-280-WMD
MR-LFP48-314-WMD
MR-LFP48-350-WMD
MR-LFP48-350-FSD
MR-LFP48-560-FSD

SPECIFICATIONS

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