MARSRIVA

LiFePO4 Battery



Marsriva Technology Co., Ltd.

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Rack Mounted LifePO4 Battery

High Voltage (204.8V - 614.4V)



HV Battery Control Box
MR-CB6100H5.12RT



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



BP20HRT
204.8V / 100Ah (20kWh)



BP40HRT
409.6 / 100Ah (40kWh)



BP60HRT
614.4V / 100Ah (60kWh)

SPECIFICATIONS

Model	BP20HRT	BP40HRT	BP60HRT
Battery Type	REPT LiFePO4 Battery (Grade A)		
Battery Module Number	4*51.2V-100Ah	8*51.2V-100Ah	12*51.2V-100Ah
Nominal Energy	20.48kWh	40.96kWh	61.44kWh
Nominal Voltage	204.8V	409.6V	614.4V
Working Voltage Range	184V-224V	368V-448V	552V-672V
Rated Working Current	Charge / Discharge: 100A		
Peak Working Current	Charge / Discharge: 125A (@25°C, 5S)		
Cycle Life	≥6000 cycles @25°C, 70% EOL		
Design Life	≥10 years		
Self-consumption	≤3.5% per month @25°C		
Communication Interface	CAN / TCP / IP		
Installation Method	Floor-standing		
Protection Level	IP20		
Parallel Capacity	up to 5 units		
Working Temperature Range	Charge: 0 to 55°C; Discharge: -20 to 55°C;		
Weight (kg)	201.4	392.8	582.2
Dimension (W × D × H) (mm)	553×503×1011	553×503×1620	553×503×2230