

Battery

LFPR-51B100L-V1

 Mainwatt®



Battery specifications

Nominal Voltage	51.2V
Capacity	100AH
Nominal Battery Energy	5.12kWh
Max. Output Power	3584W
Discharge Voltage Range	43.2-57.6V
Charge Voltage	57.6V
Max. charging Current	50A
Max. discharging current	70A
DOD	90%
Modules Connection	1-6 in parallel
Communication	CAN OR RS485
Cycle Life	≥6000 25° 0.5C
Design Life	≥10 years

General specifications

Dimensions	520mm x 474mm x 150mm
Total weight	43.8 kg
Mounting options	Rack-mounted
System certifications	UN38.3, MSDSF
Operating Temperature	-20°C ~ +55°C
Storage Temperature	-20°C ~ +35°C
Environment	Indoor