

# 5.22kWh LiFePO4 Battery

51.2V / 102Ah



## SPECIFICATIONS

Model	MR-LFP48-100-WMD
Battery Type	BYD LiFePO4 Battery (Grade A)
Nominal Voltage	51.2V
Nominal Capacity	102Ah
Storage Energy	5.22kWh
Battery Internal Resistance	≤10mΩ
Cycle Life	≥6000 @25°C, 70% EOL
Design Life	≥10 years
Max. Charging Current	105A
Max. Discharging Current	120A
Peak Charging Current	110A / 2s
Peak Discharging Current	125A / 2s
Communication	RS232, RS485, CAN
Number of Parallel Connections	Up to 15 units
Charging Temperature	0°C to 60°C
Discharge Temperature	-15°C to 55°C
Storage Temperature	-30°C to 35°C
Humidity	5% – 95%
LCD	4.3-inch touch screen
Dimension (L*W*H)	597 × 398 × 200mm (Package size: 690 × 490 × 410mm)
Weight	Net Weight: 47.3kg (Gross Weight: 57.5kg)

All above information shall be changed without prior notice, MARSRIVA reserves the right to explain and update the latest information.