



LiFePO4 Battery



Marsriva Technology Co., Ltd.

www.marsriva.com

1.30kWh LiFePO4 Battery

12.8V / 102Ah



SPECIFICATIONS

Model	MR-LFP12-100-WMD
Battery Type	BYD LiFePO4 Battery (Grade A)
Nominal Voltage	12.8V
Nominal Capacity	102Ah
Storage Energy	1.30kWh
Charging Voltage	14.4V DC
Discharging Cut-off Voltage	10.8V DC
Charging Current	50A, 100A (Max.)
Discharging Current	100A (Max.)
Battery Internal Resistance	$\leq 10\text{m}\Omega$
Cycle Life	≥ 6000 @25°C, 70% EOL
Design Life	≥ 10 years
Communication	Bluetooth, RS485(BMS), RS485(Parallel)
Number of Parallel Connections	Up to 15 units
Terminal Size	M6
Charging Temperature	0°C to 55°C
Discharge Temperature	-20°C to 60°C
Storage Temperature	-30°C to 35°C
Humidity	5% – 95%
Dimension (L*W*H)	315 × 190 × 155mm (Package size: 395 × 250 × 220mm)
Weight	Net Weight: 11.3kg

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