



# ML-S09

## Marvel Lithium (LiFePO4)

New Lead Acid Replacement Battery

1. Using a Lithium LFP battery will give you about 40% more energy than lead acid battery
2. Grade A LFP New Cells
3. Smart BMS
4. Screen for full monitoring, with Bluetooth
5. Upgraded design with new Metal case for better heat dispatching
6. **3 Years Marvel Warranty with E warranty**





## Technical Specifications

Model Name	ML100-25.6-S09	ML200-25.6-S09
Rated Voltage	25.6V	
Rated Capacity	100Ah	200Ah
Rated Energy	2560Wh	5120Wh
Output Voltage Range	24V~28.6V	
Charging Voltage	28.4V~28.6V	
Cut-off Voltage	24V	
Max. Charging Current @I0sec	<100A	<200A
Recommended Charging Current/ discharging	<50A	<100A
Max. Discharging Current @I0sec	<100A	<200A
Efficiency	>98%	
Dimensions L*W*H (mm)	400*174*260	520*215*250
Weight (Kg) (±0.5)	21	41
Humidity	5%~95~ Relative Humidity	
Charging Temperature	0°C~60°C	
Discharging Temperature	-20°C~60°C	
Storage Temperature	-10°C~50°C	
Cycle Life	6000 Times (0.5C, @25C, 80%DOD)	
Design Life	>10 Years	

## Note:

### 1. Series Connection Limitations:

- For 24V system Up to 2 batteries (reduces warranty to 18 months)

### 2. Parallel Connection Limitations: Up to 4 batteries