



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. Built-in 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	ML314-25.6-S09
Rated Voltage	25.6V		
Rated Capacity	100Ah	200Ah	314Ah
Rated Energy	2560Wh	5120Wh	8038Wh
Output Voltage Range	24V~28.6V		
Charging Voltage	28.4V~28.6V		
Cut-off Voltage	24V		
Max. Charging Current @I0sec	<100A	<200A	<200A
Recommended Charging Current/ discharging	<50A	<100A	<150A
Max. Discharging Current @I0sec	<100A	<200A	<200A
Efficiency	>98%		
Dimensions L*W*H (mm)	490*175*210	550*257*210	450*257*330
Weight (Kg) (±0.5)	24.5	44	62
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