



# ML-S03

## Marvel Lithium (LiFePO4)

New Lead Acid Replacement Battery

12.8V/300Ah

25.6V/300Ah

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. Upgraded design with new Metal case for better heat dispatching
5. 2 Years Marvel Warranty with E warranty



## TECHNICAL SPECIFICATIONS

	ML300-12.8-S03	ML300-25.6-S03
Rated Voltage	12.8V	25.6V
Rated Capacity	300Ah	300Ah
Rated Energy	3840Wh	7680Wh
Output Voltage Range	12V~14.4±0.2V	24V~28.6±0.2V
Charging Voltage	14.4±0.2V	28.6±0.2V
Cut-off Voltage	12V	24V
Max. Charging Current	<150A	<150A
Recommended Charging Current	<100A	<100A
Max. Discharging Current	<150A	<150A
Efficiency	>98%	>98%
Dimension L*W*H( mm )	247*255*440	247*255*750
Weight ( kg )	28.3	53.3
Humidity	5%~95% Relative humidity	5%~95% Relative humidity
Charging Temperature	0°C~60°C	0°C~60°C
Discharging Temperature	-20°C~60°C	-20°C~60°C
Storage Temperature	-10°C~30°C	-10°C~30°C
Cycle Life	>6000 times ( 0.5C, @25°C, 80%DOD )	>6000 times ( 0.5C, @25°C, 80%DOD )
Design Life	>10 years	>10 years
Bluetooth / Screen	yes	