



# MTUL200-12.8-A04

# MTUL400-12.8-A04

## 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. With Bluetooth , LCD screen and On-Off switch
5. **2 Years Marvel Warranty with E warranty**



## Technical Specifications

Model Name	MTUL200-12.8-A04	MTUL400-12.8-A04
Rated Voltage	12.8V	
Rated Capacity	150Ah	280Ah
Rated Energy	1920Wh	3584Wh
Output Voltage Range	12V~14.4V	
Charging Voltage	14V~14.4V	
Cut-off Voltage	12V	
Max. Charging Current	<100A	<150A
Recommended Charging Current/ discharging	<50A	<100A
Max. Discharging Current	<100A	<150A
Efficiency	>98%	
Dimensions L*W*H (mm)	502*187*242	502*187*242
Weight (Kg) (±0.5)	12	25
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 (@25C, 80%DOD)	
Design Life	>10 Years	
IP Rating	IP65	
shell material	ABS	

### Note:

#### 1. Series Connection Limitations:

- For 12V system Up to 4 batteries (reduces warranty to 12 months)

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