

# Energy Storage System Rack Mounted Series

**LFP 2400M/2500M**



## FEATURES



**>6000**

Cycle Life@25°C



**Automatic  
Wake-up Function**

Under off-grid System Environment



**Multiple Safety  
Protection**

MOS, DC Breaker



**New&Old Batteries can  
be used in together**

Connect in Parallel



**Smart BMS**

Intelligent management  
& maintenance of battery  
systems



**Remote Monitoring**

Self-developed APP



**Parallel**

Adapting to Parallel Up to 8P



**Voltage Balancing**

Voltage Balancing between  
Battery Cells&Battery Pack

## Technical Specifications



Model		LFP 2400M	LFP 2500M
Total Energy*		2.4kWh	2.5kWh
Usable Energy(DC)*		2.2kWh	2.3kWh
Nominal Dis-/Charge Power		1.5kW	1.5kW
Peak Power(Only Discharge)		3kW for 3s	3kW for 3s
Constant Current(Only Discharge)		40A	40A
Voltage		48~56Vd.c	48~56Vd.c
Nominal Voltage		51.2Vd.c	51.2Vd.c
Nominal Current		30A	30A
Peak Discharging Current		150A/2s	150A/2s
Max. Charge Voltage		57.6Vd.c	57.6Vd.c
Weight		27±1kg	25kg
Dimension(L*W*H)		500*442*133mm	500*442*88mm
Max Recommended DOD		90%	
Operating Condition		Indoor	
Operating Temperature	Charge	From 0~50℃	
	Discharge	From -10~55℃	
WiFi Bluetooth Frequency Range		2400MHz~2483MHz	
Bluetooth Max. Transmission Power		7.5dBm	
WiFi Max. Transmission Power		117.8dBm	
Recommended Humidity		<60%(No Condensed Water)	
Over Voltage Category		II	
Cooling Type		Natural Cooling	
Case Material		Metal	
Color		Black or White	
Installation		Wall mounting/Ground Installation	
IP Rating		IP 20	
Protective Class		I	
Max Connection Number		16P	
Warranty		10 years	
Communication		CAN/ RS485	
Protection Mode		Dual hardware protection	
Battery Protection		Over-current/Over-voltage/Short circuit/ Under-voltage/Over temperature	
Safety		Cell TUV	
		CE/TUV	
Hazardous Material Classification		9	
Transportation		UN 38.3	

Testing conditions based on temperature 25℃ at the beginning of life.

\*Total Energy/Usable Energy measured under specific conditions from Uhome 0.2C CC-CV