

LFP 4800M

Lithium Battery Storage



FEATURES



LiFePO4 Safe Battery Chemistry



Easy Installation & After Sales Service



Box-in Mounted & Parallel & Series Connection



Intelligent Build in BMS

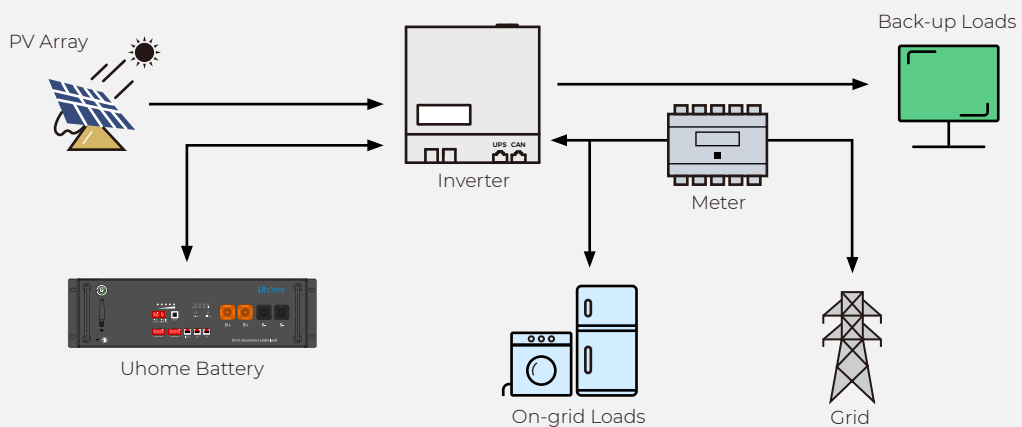


>6,000 Cycles at 90% DOD



Safety Protection and Easy Move

APPLICATIONS



Technical Specifications

Model	Uhome-LFP 4800M	
Total Energy*	4.8kWh	
Usable Energy(DC)*	4.3kWh	
Nominal Dis-/Charge Power	2.88kW	
Peak Power(Only Discharge)	6kW for 3s	
Constant Current(Only Discharge)	80A	
Voltage	45~52Vd.c	
Nominal Voltage	48Vd.c	
Nominal Current	60A	
Max. Charge Voltage	54.75Vd.c	
Weight	42kg	
Dimension(mm)	500*448*135mm	
Max.recommended DOD	90%	
Operating Condition	Indoor	
Operating Temperature	Charge	From 0~50 °C
	Discharge	From -10~55 °C
WIFI Frequency Range	2400MHZ~2483MHZ	
Humidity	< 60%(No condensed water)	
Over Voltage Category	II	
Cooling Type	Natural cooling	
Case Material	Metal	
Color	Black or White	
Installation	WII mounting/Ground Installation	
IP rating	IP 20	
Protective Class	I	
Max. Connection Number	16P	
Warranty	10 years	
Life Span	>15 years	
Communication	CAN/ RS485	
Protection Mode	Dual hardware protection	
Battery Protection	Over-current/Over-voltage/Short circuit/ Under-voltage/Over temperature	
Safety	Cell UL 1973	
	CE / IEC62619	
Hazardous Material Classification	9	
Transportation	UN 38.3	

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

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