

## Datasheet of Uhome-LFP 5000

Model	Uhome-LFP 5000	
Total Energy*	4.8kWh	
Usable Energy(d.c)*	4.4kWh	
Nominal Charge/Discharge Power	2.4kW	
Peak Power(Only discharge)	7.0kW for 3 seconds	
Constant Current(Only discharge)	80A	
Voltage	48-56Vd.c	
Nominal Voltage	51.2Vd.c	
Nominal Current	60A	
Max. Charge Voltage	57.6V	
Recommended DOD	90%	
Operating Condition	Indoor	
Operating Temperature	Charge	From 0~45℃
	Discharge	From -10~55℃
Dimension(mm)	442*550*177	
Weight	48kg	
Humidity	20~60%(No condensed water)	
Over Voltage Category	II	
Cooling Type	Natural cooling	
Case Material	Metal	
Color	Black/Dark Blue	
Installation	Cabinet or Wall mounting	
IP rating	IP 20	
Protective Class	I	
Max. Number of Parallel or Series	8	
Warranty	10 years	
Communication	CAN/ RS485	
Protection Mode	Triple hardware protection	
Battery Protection	Over-current/Over-voltage/Short circuit/ Under-voltage/Over temperature	
Safety	CE & TUV(IEC 62619, IEC 62040)	
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 AOBOET 0.2C CC-CV