

Model		Uhome-LFP 5kWh/LV	Uhome-LFP 5.8kWh/LV	Uhome-LFP 7.5kWh/LV	Uhome-LFP 10kWh/LV
Total Energy(DC)*		5.1kWh	5.8kWh	7.5kWh	10kWh
Usable Energy(DC)*		4.6kWh	5.3kWh	6.9kWh	9.2kWh
Nominal Dis-/Charge Power		3.0kW	2.75kW	3.75kW	4.6kW
Peak Power(Only Discharge)		6kW for 3s	7kW for 3s	8kW for 3s	10kW for 3s
Constant Current(Only Discharge)		80A	100A	110A	120A
Voltage		48~56Vd.c	42~54Vd.c	48~56Vd.c	48~56Vd.c
Nominal Voltage		51.2Vd.c	48Vd.c	51.2Vd.c	51.2Vd.c
Nominal Current		60A	57A	75A	90A
Max. Charge Voltage		57.6Vd.c	54.0Vd.c	57.6Vd.c	57.6Vd.c
Weight		55kg	66kg	82kg	96kg
Dimension(mm)		525*537*238mm	525*635*238mm	525*825*238mm	525*825*238mm
Max.recommended DOD		90%			
Operating Condition		Indoor or outdoor			
Operating Temperature	Charge	From 0~45℃			
	Discharge	From -10~50℃			
WIFI Frequency Range		2400MHz~2483MHz			
Humidity		4~100%(No condensed water)			
Pollution Degree		3			
Over Voltage Category		II			
Cooling Type		Natural cooling			
Case Material		Metal + Plastic			
Color		Black+Silver grey or White			
Installation		Free standing			
IP rating		IP 65			
Protective Class		I			
Max. Number of Parallel or Series		4			
Warranty		10 years			
Life Span		>15 years			
Communication		CAN/ RS485			
Protection Mode		Triple hardware protection			
Battery Protection		Over-current/Over-voltage/Short circuit/ Under-voltage/Over temperature			
Safety		Cell UL 1973	Cell UL 1973	Cell UL 1973	Cell UL 1973
		CE	Pack TUV/CE	CE	CE
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					