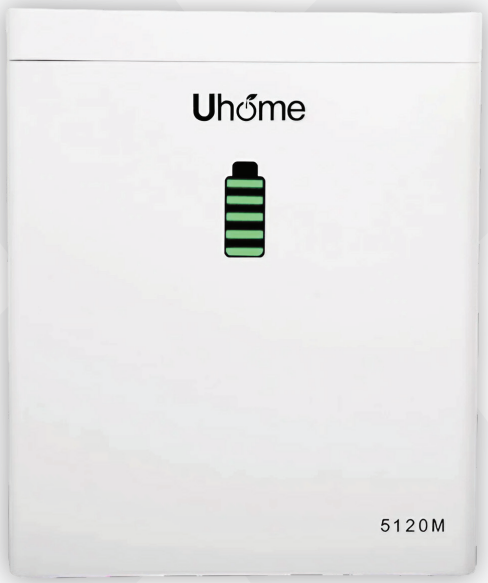
Uhome

LITHIUM-ION BATTERY
LFP 5120M/10240M



MODELS		LFP5120M	LFP10240M
Total Energy*		5,1kWh	10,2kWh
Usable Energy(DC)*		4,7kWh	9,4kWh
Max Charge Power		5,12kW	10,2kW
Max Disharge Power		7,68kW	10,2kW
Peak Power(Only Discharge)		9kW for 3s	12kW for 3s
Voltage		48~58Vd.c	
Nominal Voltage		51,2Vd.c	
Max. Charge Voltage		57,6Vd.c	
Max Discharging Current		150A	150A
Max Charging Current		100A	120A
Weight		46Kg	94Kg
Dimension (mm) (L*W*H)		442*165*535mm	442*165*920mm
Max.recommended DOD		93%	
Operating Condition		Indoor	
Operating Temperature	Charge	From 0~50℃	
	Discharge	From -10~55℃	
WIFI Frequency Range		2400MHz~2483MHz	
Humidity		<60% (No condensed water)	
Over Voltage Category		II	
Cooling Type		Natural convection	
Case Material		Metal	
Color		Black or White	
Installation		Wall / Ground / Rack Mounting	
IP rating		IP20	
Max. Connection Number		16P	
Communication		CAN/ RS485	
Protection Mode		Dual hardware protection	
Battery Protection		Over-current/Over-voltage/Short circuit/Under-voltage/Over temprature	
Safety		Cell UL; 1973/CE	
Hazardous Material Classification		9	
Transportation		UN 38,3	
Product Warranty		10 years warranty, 6000 cycles life All information contained in this document is subject to change without notice 1) For better battery life cycles, we suggest charge in 50A(0.5C @25°C) 2) For better battery life cycles,we suggest discharge in 50A(05C @25°C 3)Peak Current excludes repeated short duration (less than 100ms) of current pattern	

- Capacity:5.1 KWh/10.2 KWh
- First Solid-State Lithium-ion Battery
- Automatically assign module address
- Smart APP Monitoring
- Wall mounting/Ground Installation/Rack Installation
- Parallel up to 16 units
- > 6000 cycles @93% DOD