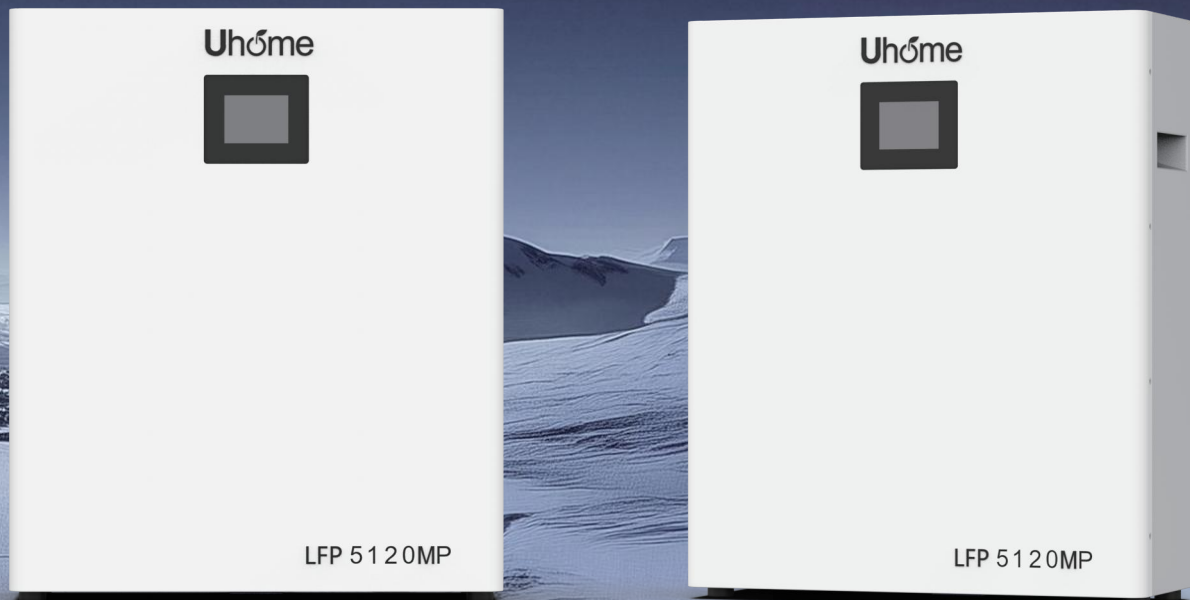


LFP 5120MP

LifePo4 Battery ESS

Remote Monitoring & Wireless Upgrade

USB upgrade can also be done when there is no network



Transparent cover



PRODUCT FEATURES

- | | | | |
|---|---|---|---|
|  <p>> 6000
Cycle Life@25°C</p> |  <p>USB upgrade
USB upgrades are available, allowing for preservation of fault data</p> |  <p>Smart BMS
Intelligent management & maintenance of battery systems</p> |  <p>Remote Monitoring
Real time monitoring of electricity usage and equipment operation</p> |
|  <p>Multiple Safety Protection
MOS, DC Breaker</p> |  <p>New & Old Batteries can be used in together
Connect in Parallel</p> |  <p>Parallel
Supports parallel connection of 16 units</p> |  <p>Voltage Wake-up
Under off-grid System Environment</p> |

● Technical Specifications

Product Image			
Model		LFP 5120MP	
Battery Type		LiFePO4 Prismatic	
Nominal Energy		5.12kWh	
Usable Energy*		4.76kWh	
Nominal Capacity		100Ah	
Nominal Voltage		51.2V	
Operating Voltage		48~56V	
Under Lead-acid Mode	Recommended Current	50A	
	Recommended Voltage	48~55.2V	
Recommended Charge&Discharge Current		50A/50A	
Max Charge/Discharge Current		100A/100 A	
Peak Discharge Current		150A(3S)	
Peak Discharge Power		8kW(3S)	
Recommended Depth of Discharge (DOD)		93%	
Charging Temp. Range		From 0~55℃	
Discharging Temp. Range		From -10~55℃	
Cycle Life		>6000@25℃	
Scalability		16 Parallel	
WIFI Module		Uhome	
Communication		CAN/ RS485	
IP Rating		IP20	
Recommended Humidity		5%~95%(No condensed water)	
Cooling Type		Natural cooling	
Color		White(optional)	
Installation		Ground mounting/Wall mounting	
Net Weight		50kg	
Dimension(L*W*H)		450*560*160mm	
Protection		Over-current/Over-voltage/Short circuit/ Under-voltage/Over temperature	
Warranty		5/10 years*(optional)	
Certification		CE/UN38.3	

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 and based on recommended DOD(93%);