

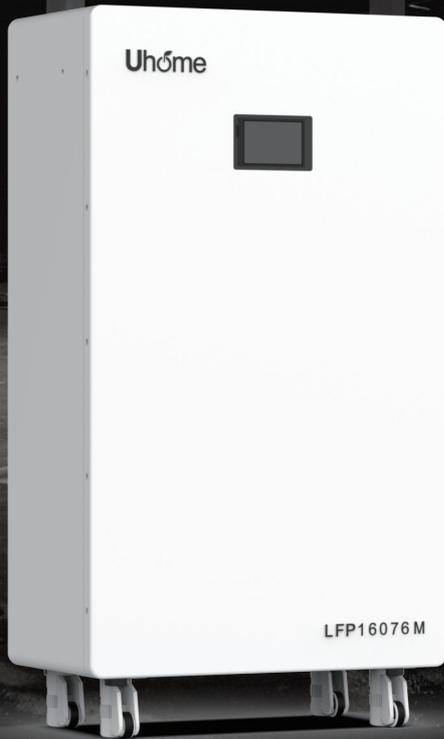
LFP 16076M/LFP 16076MPlus

LiFePO₄ Battery ESS



LFP 16076M

IP20



LFP 16076MPlus

IP65



PRODUCT FEATURES



>6000
Cycle Life@25°C



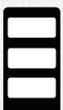
Voltage Wake-up
Under off-grid System Environment



Smart BMS
Intelligent management & maintenance of battery systems



Remote Monitoring
Real time monitoring of power usage and battery pack operation



Multiple Safety Protection
MOS, DC Breaker



New&Old Batteries can be used in together
Connect in Parallel



Parallel Connection
Supports parallel connection of 16 units



Voltage Balancing
Voltage Balancing between Battery Cells&Battery Pack

● Technical Specifications

Product Image		
Model	LFP 16076M	LFP 16076MPlus
Battery Type	LiFePO4 Prismatic	
Nominal Energy	16.076kWh	
Usable Energy*	14.9kWh	
Nominal Capacity	314Ah	
Nominal Voltage	51.2V	
Operating Voltage	48~56V	
Under Lead-acid Mode	Recommended Current	100A
	Recommended Voltage	48~55.2V
Recommended Charge&Discharge Current	150A/150A	
Max Charge/Discharge Current	150A/150 A	
Peak Discharge Current	200A(3S)	
Peak Discharge Power	10kW(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	
Fire Protection	Built-in aerosol(optional)	
Communication	CAN/ RS485	
IP Rating	IP20	IP65
Recommended Humidity	5%~95%(No condensed water)	
Cooling Type	Natural cooling	
Color	White(Optional)	
Installation	Ground Mounted	Wall Mounted/Ground Mounted
Net Weight	115kg	118kg
Dimension(L*W*D)	752*450*235mm	750*550*226mm
Protection	Over-current/Over-voltage/Short circuit/ Under-voltage/Over temperature	
Warranty	10 years*	
Certification	UN38.3/CE	

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%);