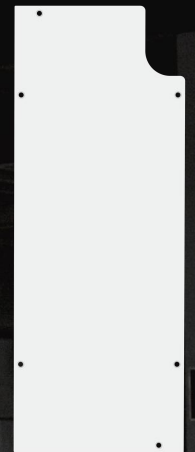
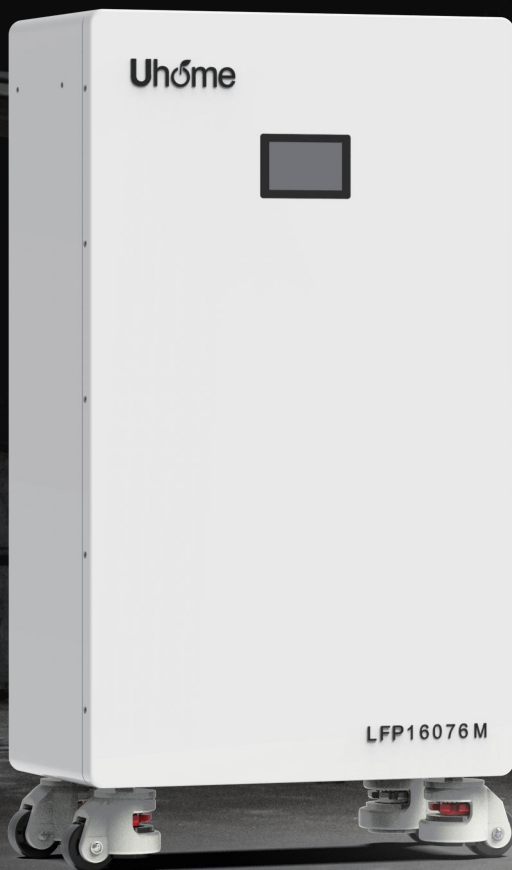


LFP 16076M

LiFePO₄ Battery ESS



PRODUCT FEATURES



>8000
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



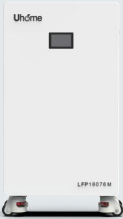
Parallel Connection
Supports parallel connection of 16 units



Voltage Balancing
Voltage Balancing between Battery Cells&Battery Pack

Technical Specifications



Product Image		
Model		LFP 16076M
Battery Type		LiFePO4 Prismatic
Nominal Energy		16.076kWh
Usable Energy*		14.95kWh
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		100A/100A
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 C
Discharging Temp. Range		From -10~55 C
Cycle Life		≥8000@25 C
Scalability		16 Parallel
WIFI Module		built-in
Fire Protection		Built-in aerosol(optional)
Communication		CAN/ RS485
IP Rating		IP20
Recommended Humidity		5%~95%(No condensed water)
Cooling Type		Natural cooling
Color		White(Optional)
Installation		Floor-mounting
Net Weight		116±2kg
Dimension(L*W*D)		450*752*235mm
Protection		Over-current/Over-voltage/Short circuit/Under-voltage/Over temperature
Display		LED screen
Warranty		10 years*
Certification		UN38.3/CE/IEC 62619(Cell)

Testing conditions based on temperature 25 C 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%);