

LFP 16076MPlus

Li FePO₄ Battery ESS

IP65

Top Cover (Optional)



PRODUCT FEATURES



≥8000
Longer cycle
life@25°C



200A
Fast Charge/Discharge, maximum
discharge current 200A



Multiple Protection
Built-in smart BMS,
breaker and fuse



Remote Monitoring
Real time monitoring
of battery



IP 65
Both indoor and outdoor
installation



Fire Protection
Ultra safe with built-in fire
extinguisher



Self-heating
Automatic self-heating -20°C
to 55°C operating temperature



Parallel Connection
High scalability 16 parallel

● Technical Specifications

Product Image		
Model		LFP 16076MPlus
Battery Type		LiFePO ₄ Prismatic
Nominal Energy		16.07kWh
Usable Energy*		14.95kWh
Nominal Capacity		314Ah
Nominal Voltage		51.2V
Operating Voltage		48~56V
Under Lead-acid Mode	Recommended Current	80A
	Recommended Voltage	48~55.2V
Recommended Charge&Discharge Current		100A/100A
Max Charge/Discharge Current		200A/200A
Peak Discharge Current		240A(3S)
Peak Discharge Power		12kW(3S)
Recommended Depth of Discharge (DOD)		93%
Charge Temp. Range		From -20~55℃
Discharge Temp. Range		From -10~55℃
Cycle Life		≥8000@25℃
Scalability		16 Parallel
WIFI Module		Uhome
Fire Protection		Built-in aerosol
Communication		CAN/ RS485
IP Rating		IP65
Recommended Humidity		5%~95%(No condensed water)
Cooling Type		Natural cooling
Color		White(Optional)
Installation		Floor-mounting/Stacked mounting
Net Weight		115±2kg
Dimension(L*W*D)		480*750*235mm
Protection		Over-current/Over-voltage/Short circuit/Under-voltage/Over temperature
Top Cover		Yes (Optional)
Heating Module		Yes (Optional)
Warranty		10 years*
Certification		UN38.3/CE/IEC 62619(Cell)

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%); Information may be subject to change without notice during product improvement.