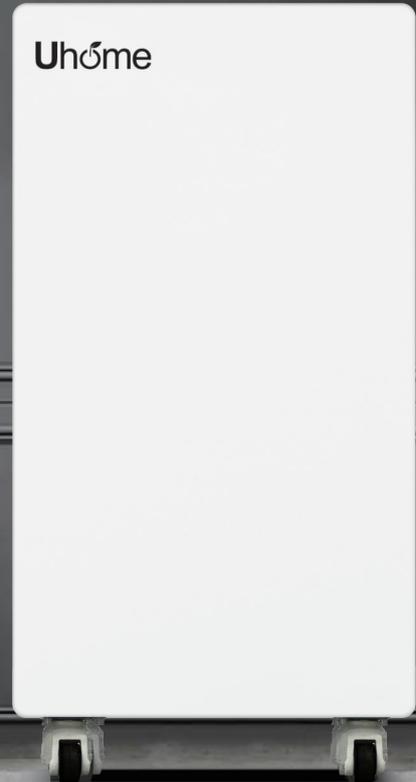


LFP 16076

LifePo4 Battery ESS

Floor-standing Mounted

Rack Mounted



PRODUCT FEATURES



>6000
Cycle Life@25°C



Automatic Wake-up
Under off-grid System Environment



Multiple Safety Protection
Relay, Fuse, DC Breaker



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



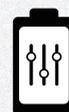
Smart BMS
Intelligent management & maintenance of battery systems



Remote Monitoring
Real time monitoring of electricity usage and equipment operation



Parallel& Series
Adapting to series or parallel connection



Voltage Balancing
Voltage Balancing between Battery Cells&Battery Pack

Technical Specifications

Model		LFP 16076
Total Energy*		16.076kWh
Usable Energy(DC)*		14.5kWh
Rated Capacity		314Ah
Nominal Dis-/Charge Power		10.2kW
Peak Power(Only Discharge)		10.6kW for 3s
Voltage		48~56Vd.c
Nominal Voltage		51.2Vd.c
Nominal Current		200A
Max. Charge Voltage		57.6Vd.c
Weight		119kg
Dimension(L*W*H)		855*450*235 mm
Max.Recommended DOD		90%
Operating Condition		Indoor
Operating Temperature	Charge	From 0~55℃
	Discharge	From -10~55℃
WIFI Frequency Range		2.4GMHz
Recommended Humidity		<60%(No condensed water)
Over Voltage Category		II
Cooling Type		Natural cooling
Case Material		Metal
Color		White
Installation		Wall mounting/Ground Installation
IP Rating		IP 20
Protective Class		I
Max. Connection Number		16P/12S
Warranty		10 years
Communication		CAN/ RS485
Protection Mode		Dual hardware protection
Battery Protection		Over-current/Over-voltage/Short circuit/ Under-voltage/Over temperature
Safety		CE/TUV
Hazardous Material Classification		9
Transportation		UN 38.3

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