LFP 16076

LifePo4 Battery ESS

JOIN US

Tel#
+86-510-88998080

E-mail#
marketing@uhomeenergy.com

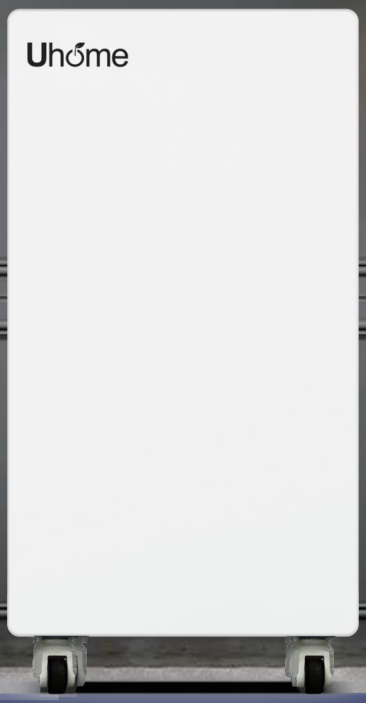
Web#
www.uhomeenergy.com

Address#
No.1 Qianluo Rd,Huishan District,Wuxi City

Rack Mounted



Floor-standing Mounted



PRODUCT FEATURES

MODULAR DESIGN

Free combination of solutions, suitable for both INDUSTRIAL, COMMERCIAL, and household use.

>8000
Cycle Life@25°C

Voltage Wake-up
Under off-grid System Environment

Fast Charge/Discharge
Max Charge/Discharge Current:200A

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

Product Image		
Model		**LFP 16076**
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		150A/150A
Max Charge/Discharge Current		200A/200 A
Peak Discharge Current		250A(3S)
Peak Discharge Power		12kW(3S)
Recommended Depth of Discharge (DOD)		93%
Charging Temp. Range		From 0~55℃
Discharging Temp. Range		From -10~55℃
Cycle Life		＞8000@25℃
Scalability		16 Parallel/12 Series
WIFI Module		Uhome
Communication		CAN/ RS485
IP Rating		IP20
Recommended Humidity		5%~95%(No condensed water)
Cooling Type		Natural cooling
Color		White(Optional)
Installation		Rack mounting/Ground Installation
Net Weight		116kg
Dimension(L*W*D)		855*450*235mm
Protection		Over-current/Over-voltage/Short circuit/Under-voltage/Over temperature
Heating Module		Optional
Fire Protection		Built-in aerosol
Warranty		10 years*
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%);