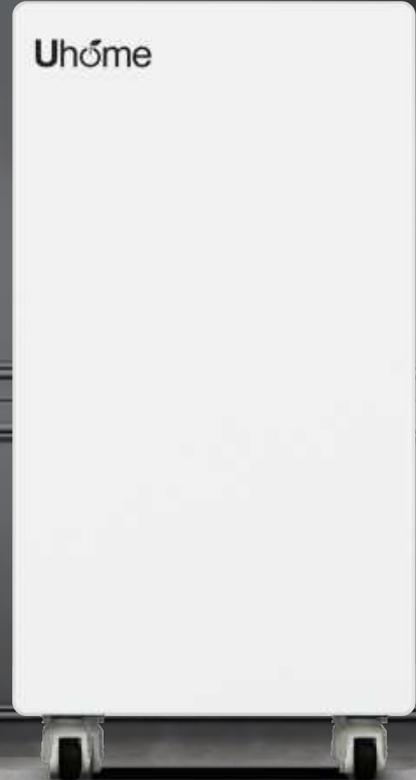


LFP 14336/16076

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



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 14336	LFP 16076
Total Energy*	14.336kWh	16.076kWh
Usable Energy(DC)*	12.9kWh	14.5kWh
Capacity	280Ah	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	116kg	
Dimension(L*W*H)	855*450*235 mm	
Max.Recommended DOD	90%	
Operating Condition	Indoor	
Operating Temperature	Charge	From 0~55 C
	Discharge	From -10~55 C
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	Rack 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	Cell UL 1973	
	CE/TUV	
Hazardous Material Classification	9	
Transportation	UN 38.3	

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