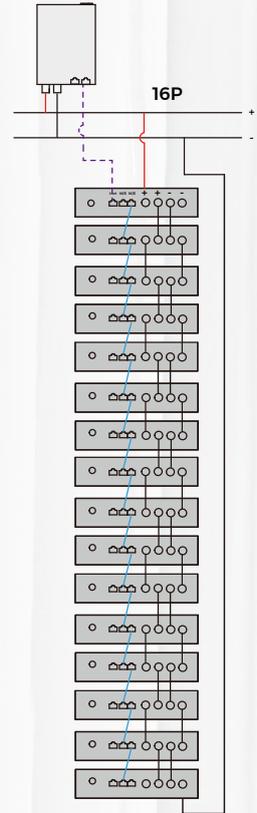


Energy Storage System Rack Mounted Series

LFP 5000LM



>4000
Cycle Life@25°C

Automatic Wake-up Function
Under off-grid System Environment

Smart BMS
Self-developed BMS

Remote Monitoring
Self-developed APP

0.6C
Discharging Rate

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

Parallel
Assembly freely in parallel Up to 16 P

Voltage Balancing
Voltage balancing between battery cells&battery pack

Technical Specifications

		 Uhome E2-Evercharge 5000LM
Model		E2-Evercharge 5000LM
Total Energy*		5.1kWh
Usable Energy(DC)*		4.6kWh
Nominal Dis-/Charge Power		3.0kW
Peak Power(Only Discharge)		6kW for 3s
Nominal Current		60A
Peak Current		100A for 3s
Operater Voltage Range		44.8~57.6V
Nonimal Voltage		51.2Vd.c
Weight		47kg
Dimension(mm)(L*W*H)		586*442*133mm
Max.recommended DOD		90%
Operating Temperature	Charge	From 0~50 °C
	Discharge	From 0-55 °C
WIFI Frequency Range		2400MHz~2483MHz
Humidity		< 60%
Over Voltage Category		II
Cooling Type		Natural cooling
Case Material		Metal
Color		Black or White
Installation		Wall mounting/Ground Installation
IP rating		IP 20
Protective Class		I
Max. Connection Number		16P
Warranty		10 years
Life Span		>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°C at the beginning of life.

*Total Energy/Usable Energy measured under specific conditions from Uhome 0.2C CC-CV