

Energy Storage System Rack Mounted Series

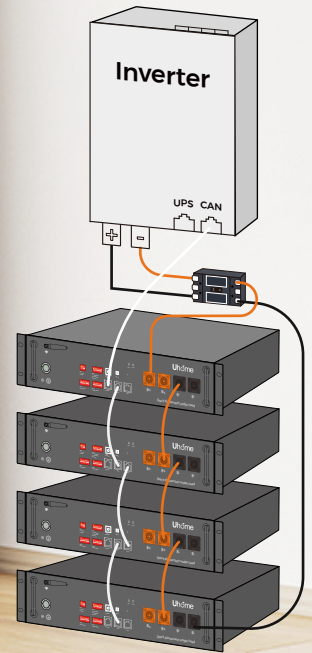
LFP 5000B

Join Us

Tel: +86-510-88998080

Email: marketing@uhomeenergy.com

Web: www.uhomeenergy.com



FEATURES

>6000
Cycle Life@25°C

Automatic Wake-up Function
Under off-grid System Environment

Smart BMS
Self-developed BMS

Remote Monitoring
Self-developed APP

Multiple Safety Protection
Relay, Fuse, DC Breaker

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

Parallel& Series
Assembly freely in series or parallel Up to 8S8P(16S8P)

Voltage Balancing
Voltage balancing between battery cells&battery pack

Technical Specifications

Model		LFP 5000B
Total Energy*		5.1kWh
Usable Energy(DC)*		4.6kWh
Nominal Dis-/Charge Power		3.0kW
Peak Power(Only Discharge)		6kW for 3s
Voltage		48~56Vd.c
Constant Current(Only Discharge)		80A
Nominal Voltage		51.2Vd.c
Nominal Current		60A
Max. Charge Voltage		57.6Vd.c
Weight		45kg
Dimension(mm) (L*W*H)		500*442*133mm
Max.recommended DOD		90%
Operating Condition		Indoor
Operating Temperature	Charge	From 0~50 C
	Discharge	From -10~55 C
WIFI Frequency Range		2400MHz~2483MHz
Humidity		<60%(No condensed water)
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/16S
Warranty		10 years
Life Span		>15 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