



ENERGY STORAGE BATTERY

Uhome-LFP 5000/2400/2500/2600HV Lithium Battery Storage

Uhome Smart Energy(Wuxi)Co.,Ltd.

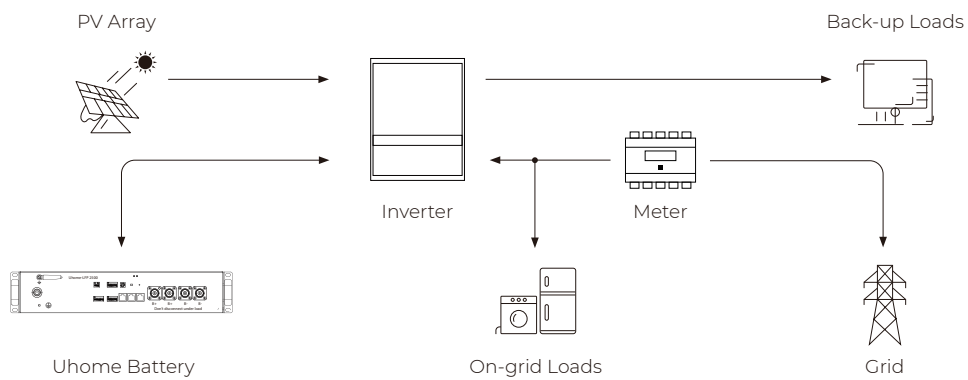
Tel: +86-510-85366880

Address: No. 1, Qianluo Road, Qianqiao Street, Huishan District, 214151 Wuxi

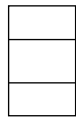
City, Jiangsu Province, PEOPLE'S REPUBLIC OF CHINA

U.S.A Warehouse: 3605 Carmel Hills Dr.,Denton, Texas 76208

APPLICATIONS



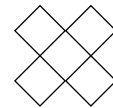
FEATURES



LiFePO4 Safe
Battery Chemistry



Easy Installation &
After Sales Service



Wall Mounted &
Parallel Connection



Intelligent
Build in BMS



Safety Protection
and Easy Move



>6,000 Cycles
at 90% DOD

Technical Specifications

Model		Uhome-LFP 5000	Uhome-LFP 2400	Uhome-LFP 2500	Uhome-LFP 2600HV
Total Energy*		5.1kWh	2.4kWh	2.5kWh	2.56kWh
Usable Energy(DC)*		4.6kW	2.2kWh	2.3kWh	2.3kWh
Nominal Dis-/Charge Power		3.0kW	1.5kW	1.5kW	1.5kW
Peak Power(Only Discharge)		6kW for 3s	3kW for 3s	3kW for 3s	3kW for 3s
Constant Current(Only Discharge)		80A	40A	40A	20A
Voltage		48~56Vd.c	48~56Vd.c	48~56Vd.c	96~112Vd.c
Nominal Voltage		51.2Vd.c	51.2Vd.c	51.2Vd.c	102.4Vd.c
Nominal Current		60A	30A	30A	15A
Max. Charge Voltage		57.6Vd.c	57.6Vd.c	57.6Vd.c	115.2Vd.c
Weight		45kg	27.5kg	27kg	27kg
Dimension(mm)		500*448*135mm	500*442*133mm	500*442*88mm	500*442*88mm
Max.recommended DOD		90%			
Operating Condition		Indoor			
Operating Temperature	Charge	From 0~50℃			
	Discharge	From -10~55℃			
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		8S/8P	8S/8P	8S/8P	4S
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	Cell UL 1973	Cell TUV	Cell TUV
		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**