



ENERGY STORAGE SYSTEM

LFP 5000



- Capacity:5.1 kWh
- Automatic Wake-up Function
- Multiple Safety Protection (Relay, Fuse, DC Breaker)
- Parallel& Series up to 16 units
- Voltage balancing between battery cells & battery pack
- Smart APP Monitoring
- > 6000 Cycles @ 90% DOD

Model		LFP 5000
Total Energy*		5.1kWh
Usable Energy(DC)*		4.6kWh
Nominal Dis-/Charge Power		3.0kW
Peak Power(Only Discharge)		6kW for 3s
Constant Current(Only Discharge)		80A
Voltage		48~56Vd.c
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		8S/8P
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