

# POWERCUBE™

Home Energy Storage Battery

## Ehome-LFP 2400



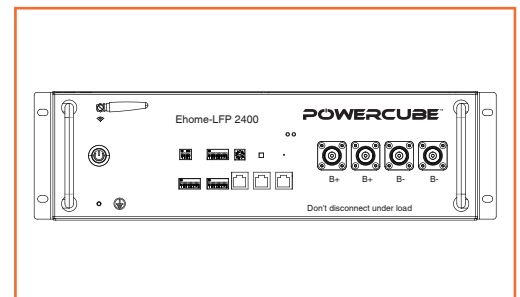
**UN38.3**



**WHITE**

## Key Features

- Assembly freely in series or parallel Up to 8pcs
- High energy efficiency Energy efficiency (charge and discharge) > 97%
- High Rate Charge & Discharge Max charge current 30A, Max discharge current 40A
- More Safety Dual hardware & Triple software protection
- Safe and Reliable BMS Relay design instead of mosfet
- Long Life Reliable LFP cells, Cycle life > 6000 cycles
- High Reliability Key devices (Relay, Fuse) approved by UL and IEC
- More Smart With digital monitor system App with WIFI
- Smart Design & Easy installation Plug in & off
- More Quiet Without fan, more quiet and reduce the risk of fan failure



Model		Ehome-LFP 2400
Total Energy*		2.4kWh
Usable Energy(DC)*		2.2kWh
Nominal Dis-/Charge Power		1.2kW
Peak Power(Only Discharge)		3.5kW for 3s
Constant Current(Only Discharge)		40A
Voltage		48~56Vd.c
Nominal Voltage		51.2Vd.c
Nominal Current		30A
Max. Charge Voltage		57.6Vd.c
Weight		27.5kg
Dimension(mm)		442*500*133mm
Max.recommended DOD		90%
Operating Condition		Indoor
Operating Temperature	Charge	From 0~45°C
	Discharge	From -10~55°C
Humidity		20~60%(No condensed water)
Over Voltage Category		II
Cooling Type		Natural cooling
Case Material		Metal
Color		Black / Dark Blue
Installation		Cabinet or Wall mounting
IP rating		IP 20
Protective Class		I
Max. Number of Parallel or Series		10
Warranty		10 years
Communication		CAN/ RS485
Protection Mode		Triple hardware protection
Battery Protection		Over-current/Over-voltage/Short circuit/ Under-voltage/Over temperature
Certification		
Safety		CE & TUV (IEC 62619, IEC 62040)
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 OMNISPOWER 0.2C CC-CV

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