Powerwall 2.0 (ECO)

5.12Kwh-200Ah-25.6V (LiFePo4 Battery)





- Colorful LCD Screen
- 32 Support up to 32pcs parallel
- Smart 200A BMS, Super safety design
- RS232, CAN, RS485, Bluetooth, WIFI communication ports
- 5 years warranty
- 6000+ life cycle at 80% DOD
- 200 200A Max. Discharge Current
- Compact size and light weight

Experience the future of energy storage with our Lithium Iron Phosphate (LiFePO4) battery, engineered for maximum longevity and performance. This battery features a remarkable 6,000 charge cycles at 80% DOD and is equipped with a sophisticated 200Ah BMS for real-time monitoring and optimal safety. Designed for an extraordinary lifespan of up to 60 years, it ensures long-term reliability and efficiency. it perfect for both residential and commercial applications.

Battery For Home Storage & Commercial use

Technical Data

Model		Powerwall 2.0 Eco 200Ah-25.6V-5.12Kwh
Electrical Characteristics	Nominal voltage	25.6V
	Nominal capacity	200Ah
	Energy	5.12Kwh
	Cycle Life	6000 cycle @80% DoD
	Months Self	≤3.5% per month at 25℃
	Battery Cell	3.2V 100AH, Prismatic, LiFePo4
	Cell compose method	8S2P
Standard charege	Charge Voltage	DC 29.2V
	Standard Charge	60A
	Max. Charge Current	200A
Standard discharge	Max. Continuous discharge Current	200A
	Peak discharge current	400A (for 3 seconds)
	Discharge Cut-off Voltage	21V
Temperature	Charge Temperature	0℃ to 45℃
	Discharge Temperature	20℃ to 55℃
	Storage temperature	-10°C ~ + 45°C（every month needs to do charge and discharge for one time if storage and no put in use)
Initial Impedance		<22mΩ
Battery Weight		Approx. 52KG
Battery Dimension		H631*W442*D152(mm)
Parallel		Support up to 32pcs parallel
Housing		Metal
Communication protocol		RS232, CAN, RS485, Bluetooth, WIFI
LCD		LCD screen
Cooling Method		Natural Cooling
IP Rating		IP52
Support Inverter brands		"Cellcronic, Deye, Senergy, Voltronic, Lux Power, Growatt, ". (any brand inverter if you need to support, please tell us, we can do this support for you)
Protection		Over voltage protection (Cell & System), Low voltage protection (Cell & System), High temperature protection, Low temperature protection, Short cuicuit protection, Over current protection
Warranty		5/10 years