

# Powerwall 3.0 Plus 48V 200AH



## 9.6Kwh



Colorful touch LCD

**16**

Support up to 16pcs parallel



Smart 200A BMS, Super safety design



CAN, RS485, and RS232 communication ports



10 years warranty



6000+ life cycle at 80% DOD

**100**

0.5C 100A Max. charge Current and  
1C 200A Max. Continuous discharge

Crafted out of Lithium Iron Phosphate (LiFePO<sub>4</sub>) technology, this is a battery built to last. with 6,000+ recharge cycles @80%DOD the 200Ah provides 5X the lifespan than your typical SLA battery. Built in smart BMS which can realize real-time monitoring the battery. It is the best home storage solution available in the market.

## Technical Data

Model		Powerwall 3.0 Plus
Electrical Characteristics	Nominal voltage	48V
	Nominal capacity	200Ah
	Energy	9.6Kwh
	Cycle Life	6000 cycle @80% DoD
	Months Self	≤3.5% per month at 25°C
Standard charge	Charge Voltage	DC 58.4V
	Standard Charge	0.2C 40A
	Max. Charge Current	0.5C 100A
Standard discharge	Max. Continuous discharge Current	1C 200A
	Peak discharge current	200A (<3s)
	Discharge Cut-off Voltage	40V
Temperature	Charge Temperature	0°C to 45°C(32°F to 113°F) @60±25% Relative Humidity
	Discharge Temperature	-20°C to 60°C(-4°F to 140°F) @60±25% Relative Humidity
	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		<50mΩ
Battery Weight		Approx. 89KG
Battery Dimension		H820*W600*D145(mm)
Parallel		Support up to 16pcs parallel
Housing		Metal
Communication protocol		RS485, RS232 CAN
LCD		Touch LCD screen
Support Inverter brands		"Deye, Senergy, Sorotec, Voltronic". (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		10 years