









# Powerwall 3.0 (ECO)

10.24Kwh-200Ah-51.2V (LiFePo4 Battery)



-  Colorful LCD Screen
-  Support up to 16pcs parallel
-  Smart 200A BMS, Super safety design
-  RS232, CAN, RS485, Bluetooth, WIFI communication ports
-  5 years warranty
-  6000+ life cycle at 80% DOD
-  200A Discharge Current
-  Compact size and light weight

The Cellcronic LiFePO<sub>4</sub> 10.24 kWh 51.2V Battery is a powerful and reliable energy storage solution designed for modern solar and backup systems. Equipped with a built-in 200Ah Smart BMS, it ensures advanced protection, optimized performance, and intelligent battery management. With multiple communication protocols including RS232, RS485, CAN, Bluetooth, and Wi-Fi, it enables seamless monitoring and integration with inverters and energy management systems. Offering up to 6000 life cycles, the Cellcronic battery provides long-lasting, efficient, and sustainable power for residential and commercial applications.



# Technical Data

Model		Powerwall 3.0 (ECO) 200Ah-51.2V-10.24Kwh
Electrical Characteristics	Nominal voltage	51.2V
	Nominal capacity	200Ah
	Energy	10.24Kwh
	Cycle Life	6000 cycle (@80% DOD, 0.5C, 25°C
	Months Self	≤3.5% per month at 25°C
	Battery Cell	3.2V 200AH, Prismatic, LiFePo4
	Cell compose method	16S2P
<b>Charge &amp; Discharge</b>		
Charge Voltage		58.4 V
Discharge Cut-off Voltage		41.6 V
Standard Current	Charge	60 A
	Discharge	100 A
Max. Continuous Current	Charge	60 A
	Discharge	200 A
<b>General</b>		
Temperature	Charge	0 ~ 55°C (32 ~ 113°F)
	Discharge	-20 ~ 60°C (-4 ~ 131°F)
Storage temperature		10 ~ 45°C (14 ~ 113°F)
Initial Impedance		<22mΩ
Battery Weight		Approx. 95 KG
Battery Dimension		H800*W550*D145(mm)
Parallel		Support up to 16pcs parallel
Housing		Metal
Communication protocol		RS232 / RS485 / CAN / Bluetooth / WIFI
LCD		LCD screen
Cooling Method		Natural Cooling
IP Rating		IP52
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		5 years