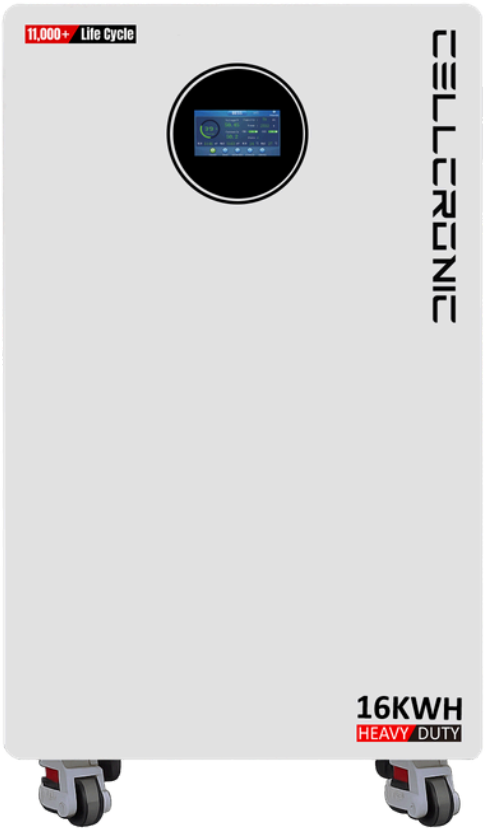
CELLCRONIC

POWERWALL 3.0

LFP 314Ah-51.2V-16.07Kwh





- Colorful LCD Screen
- 32 Support up to 32pcs parallel
- Smart 300A BMS, Super safety design
- RS232, CAN, RS485, Bluetooth, WIFI communication ports
- 5/10 years warranty
- 11000+ life cycle at 80% DOD
- 300 300A Max. Discharge Current
- 440A Pulse Discharge for 3 Seconds
- Compact size and light weight

www.cellcronic.com

Power Your Home. Store Your Energy.

Technical Data

Model		Powerwall 3.0 LFP 314H-51.2V-16.07KWh
Electrical Characteristics	Nominal voltage	51.2V
	Nominal capacity	314Ah
	Energy	16.07 Kwh
	Cycle Life	11000 cycle (@80% DOD, 0.5C, 25℃
	Months Self	≤3.5% per month at 25℃
	Battery Cell	3.2V 314AH, Prismatic, LiFePo4
	Cell compose method	16S1P
Charge & Discharge		
Charge Voltage		58.4 V
Discharge Cut-off Voltage		41.6 V
Standard Current	Charge	100 A
	Discharge	100 A
Max. Continuous Current	Charge	100 A
	Discharge	300 A
Peak Pulse Discharge A (3 Sec.)		440 A
Peak Power Output kw (3 Sec.)		22.52 kw
General		
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. 133KG
Battery Dimension		H852*W509*D275(mm)
Parallel		Support up to 32pcs parallel
Housing		Metal
Communication protocol		RS232 / RS485 / CAN / Bluetooth / WIFI
LCD		LCD screen
Cooling Method		Natural Cooling
IP Rating		IP52
Support Inverter brands		"Cellcronic, 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		5/10 Years