

320Ah-51.2V-16.38Kwh

Lithium Iron Phosphate Battery



Colorful LCD Screen



Support up to 16pcs parallel



Smart 320A BMS, Super safety design

RS232, CAN, RS485, Bluetooth, WIFI
communication ports

5 years warranty



6000+ life cycle at 80% DOD



100Ah Charge & 200Ah Discharge Current



Compact size and light weight

The Cellcronic 16.38kWh LiFePO4 Battery is designed for high-performance system requiring reliable and long-lasting energy storage. Built with an advanced 320Ah Smart BMS, it delivers superior safety, stability, and efficiency. Its scalable design allows parallel connection up to 16 units, making it suitable for residential, commercial, and high-load applications.

Parallel Up To 16 Units
16.38 kWh Lithium Battery




WIRELESS SETUP


(Bluetooth & Wi-Fi)




QR Code Download



 H852 × W509 × D275 (mm)

 Weight: **133 KG**

 Warranty: **5 Years**

Charging


100A

6000

Life Cycle
at 80% DOD

Discharging


200A



Technical Data

Model		320Ah-51.2V-16.38Kwh LiFePo4 Battery
Electrical Characteristics	Nominal voltage	51.2V
	Nominal capacity	320Ah
	Energy	16.38 Kwh
	Cycle Life	6000 cycle (@80% DOD, 0.5C, 25°C
	Months Self	≤3.5% per month at 25°C
	Battery Cell	3.2V 320AH, 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	200 A
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 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