








630Ah-51.2V-32.25Kwh

Lithium Iron Phosphate Battery



Reliable 32.25kWh Battery
Handles **32kW** Factory Load



-  Colorful LCD Screen
-  Support up to 16pcs parallel
-  Smart 630A BMS, Super safety design
-  RS232, CAN, RS485, Bluetooth, WIFI communication ports
-  5 years warranty
-  6000+ life cycle at 80% DOD
-  200Ah Charge & Discharge Current
-  Compact size and light weight

The Cellcronic 32.25kWh LiFePO4 Battery is designed for high-performance system requiring reliable and long-lasting energy storage. Built with an advanced 630Ah 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 Connection Up to 16 Units



512 kWh
Capacity



Scalable



High
Efficiency



6000

Life Cycle
at 80% DOD

Charging

Discharging

200A

200A



Dimensions
H1125*W650*D380 (mm)



Weight
Approx. 270KG



Warranty
5 Years



Communication Port
RS232 / RS485 / CAN /
Bluetooth / WIFI

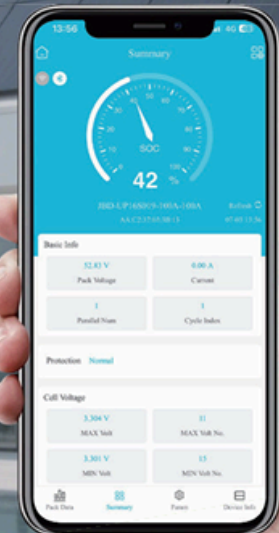


WIRELESS SETUP

(Bluetooth & Wi-Fi)



QR Code Download



Technical Data

Model		630Ah-51.2V-32.25Kwh LiFePo4 Battery
Electrical Characteristics	Nominal voltage	51.2V
	Nominal capacity	320Ah
	Energy	32.25 Kwh
	Cycle Life	6000 cycle (@80% DOD, 0.5C, 25°C
	Months Self	≤3.5% per month at 25°C
	Battery Cell	3.2V 630AH, Prismatic, LiFePo4
	Cell compose method	16S2P
Charge & Discharge		
Charge Voltage		58.4 V
Discharge Cut-off Voltage		43.2 V
Standard Current	Charge	200 A
	Discharge	200 A
Max. Continuous Current	Charge	200 A
	Discharge	200 A
General		
Temperature	Charge	0 ~ 45°C (32 ~ 113°F)
	Discharge	-20 ~ 55°C (-4 ~ 131°F)
Storage temperature		10 ~ 45°C (14 ~ 113°F)
Initial Impedance		<22mΩ
Battery Weight		Approx. 270KG
Battery Dimension		H1125*W650*D380(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