

What if your comfort lasted longer?

12.8V 200Ah Li-ion Battery

Meet the battery built to keep your home powered for longer and the moments that matter even longer.



Why Families Choose Us

60 Months Battery Warranty



LiFePO4 Battery Technology



Extended Power Backup



Seamless Inverter Compatibility



Fast Charging Compatibility

Applications



Laptop



Wi-Fi Router



Ceiling Fan



LED Lighting



Television



TECHNICAL SPECIFICATIONS

Model: 12.8V 200Ah Li-ion Battery

S.NO	TECHNICAL PARAMETER	VALUE / SPECIFICATION
1	Battery Chemistry	LiFePO ₄ (Lithium Ferro Phosphate)
2	Nominal Battery Voltage	12.8 V
3	Nominal Battery Capacity	200 Ah
4	Usable Capacity	200 Ah
5	Energy Capacity	2560 Wh
6	Life cycle	3500 cycles @ 80% DOD @ 0.25C
7	Battery Operating Voltage Range	10V – 14.6V
8	Charging Voltage	14.4V ±0.2V
9	Max Continuous Charging	50A
10	Max Continuous Discharging	100A
11	Recommended Operating Range	11.2V-14.4V
12	Humidity	0-90% RH non-condensing
13	Self-Discharge	<3% per month
14	Operating Temperature	-5°C to +50°C
15	Storage Temperature	15°C to +35°C
16	Short Circuit Protection	Yes, Built-in
17	Enclosure Rating	IP20 (Battery Cabinet)
18	Cooling	Passive / Zero-Maintenance
19	Dimensions	370 × 260 × 180 mm
20	Weight	22.3 ±0.5 kg
21	Display	Yes, Integrated Status Display
22	Reset Switch	Yes, Dedicated Physical Toggle

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