

What if your home never lost power?

12.8V 100Ah Li-ion Battery

Meet the battery built for uninterrupted living.



Why Families Choose Us

60 Months Battery Warranty



LiFePO4 Battery Technology



Seamless Inverter Compatibility



Compact & Lightweight



Fast Charging Compatibility

Applications



Laptop



Wi-Fi Router



Ceiling Fan



LED Lighting



Television



TECHNICAL SPECIFICATIONS

Model: 12.8V 100Ah 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	100 Ah
4	Usable Capacity	100 Ah
5	Energy Capacity	1280 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	30A
10	Max Continuous Discharging	60A
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	307 × 170 × 190 mm
20	Weight	~11 kg
21	Display	Yes, Integrated Status Display
22	Reset Switch	Yes, Dedicated Physical Toggle

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