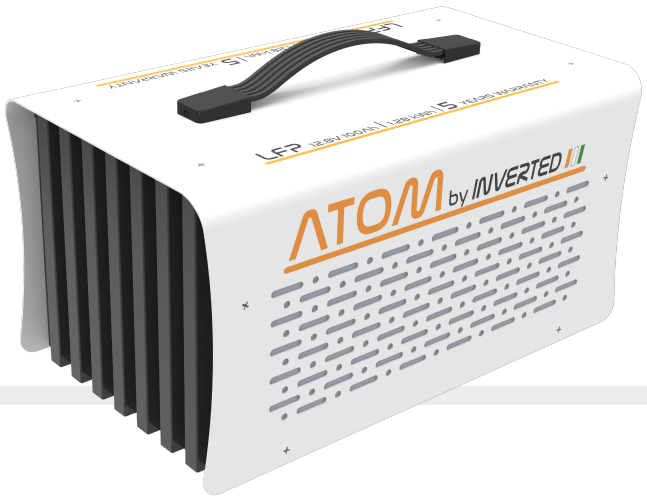
Atom

12.8 V 100 Ah

Introducing the Atom your reliable power partner for home inverters. Engineered for long-lasting performance, it delivers stable energy with minimal maintenance. Enjoy faster charging, and consistent output for uninterrupted backup. Compact, lightweight, and built for durability, it's the smart choice for modern energy needs.



Features

- Long Cycle Life
- Maintenance-Free
- Advanced BMS Protection
- Lightweight & Compact

Technical Specifications

Battery Specifications

System Nominal Voltage	12.8 V 100Ah	Cycle Life	3000
System Capacity	100 Ah	Storage Temperature	Temp - 0°C - 50°C
System Energy	1.280 kWh	Weight	10 Kg approx
Recommended Voltage Range	10 V - 14 V	Dimension(LXBXH)mm	320 X 184 X 178
Recommended Battery Volt of Hybrid Inverter	12 V	Storage Humidity	50%
Recommended C Rating For Charging	0.25 C Rating	Charging Method	CC/ CV
Recommended C Rating For Discharging	0.5 C Rating	Warranty of Battery Module	5 Years
Maximum C rate for Discharging	0.8 C Rating	DOD of Battery Module	95%
Peak Pulse Discharge	1C Rating for 10 Sec	Conversion Efficiency	>90%
Cell Specification	3.2 V 100 Ah	Working Temperature (Charge)	0°C - 55°C
Cell Configuration	4S 1P	Working Temperature (Discharge)	-10°C - 60°C