



100% Charging in 4-5 hrs



Wall Mounted



Totally Maintenance free



Long Life



LCD Display

**LITHVON**

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&  
FORGET***



**Lithium Inverter**



LITHVON

## Lithium Inverter – Advanced Features

### Pure Sine Wave Technology

Delivers clean and stable power output, ensuring safe operation of all appliances including sensitive electronics such as LED TVs, computers, routers, and medical equipment without noise or damage.

### Inbuilt High-Energy Density Lithium Battery

Integrated lithium battery provides higher backup time in a compact size. It charges faster, lasts longer, and offers superior performance compared to conventional lead-acid batteries.

### Intelligent Battery Management System (BMS)

Advanced software and hardware-based BMS continuously monitors voltage, temperature, current, and cell balance to ensure maximum safety, efficiency, and extended battery life

### Fast & Battery-Friendly Charging System

Smart charging technology automatically adjusts charging parameters, reducing charging time while protecting battery health and increasing overall lifespan.

### Informative LCD Digital Display

Easy-to-read LCD display shows real-time information including battery level, charging status, load percentage, operating mode, and fault alerts for complete user control.

### Multi-Level Protection & Safety

Built-in protection against overload, short circuit, deep discharge, overcharging, high temperature, and voltage fluctuations to ensure safe and reliable operation at all times.

### Maintenance-Free & Hassle-Free Operation

No water topping, no corrosion, no acid leakage, and zero maintenance requirements—ideal for modern homes and offices.

### Compact, Modern & Space-Saving Design

Sleek and elegant cabinet occupies minimal space and blends seamlessly with contemporary interiors.

Model	TPS 1100	TPS 1400	TPS 1600	2000VA
I/P Range (Normal Mode)	100V-285V ± 10V			
I/P Range (UPS Mode)	180V-265V ± 5V			
O/P Voltage Battery Mode	220V ± 10V			
O/P Frequency Battery Mode	50HZ ± 0.5HZ			
O/P Waveform Battery Mode	Pure Sine Wave			
Low Battery Alarm	12V± 0.2V		24V± 0.2V	
Low Battery Shutdown	11.5V± 0.2V		23V ± 0.2V	
Running Load	63A±2A	90A±2A	52A±2A	60A±2A
DC Voltage	12V			24V
Charging Current	20A ±1A			
Charging Cut off	13.8V ± 0.2V		27.6V ± 0.2V	
No Load Current	<2.5A			
Efficiency	>85%			
Lithium Battery In-built	100AH			

### High Efficiency & Low Power Consumption

Designed for maximum power efficiency with minimal energy loss, helping reduce electricity bills and improve overall performance.

### Long Life Cycle & High Reliability

Lithium technology supports thousands of charge discharge cycles, delivering consistent performance for many years.

### Power Packed Performance

High end Micro Controller uses most advance software techniques to give better power handling, superior sine wave form, more power density, better efficiency and higher charging current.

### Eco-Friendly & Environment Safe

Free from harmful emissions and toxic chemicals, making it a greener and safer power backup solution.