

High Frequency Solar Power Inverter, 600W-3000W

This high-frequency solar inverter converts DC power from solar panels into AC power. It is available in power ratings from 600W to 3000W.



ADDITIONAL IMAGES



Overview



Robust design featuring integrated cooling and multiple status indicators.



User-friendly interface with digital display for real-time monitoring of voltage, current, and power output.

High Frequency Solar Power Inverter

This high-frequency pure sine wave inverter is engineered to convert DC power from solar panels or batteries into reliable AC power. Designed for versatility, it supports power ratings from 600W to 3000W, making it suitable for a wide range of residential, commercial, and off-grid applications. The unit features advanced protection mechanisms, including overload, short-circuit, and thermal safeguards, ensuring stable performance and equipment safety.

Certifications

CE, ISO 9001

Technical Specifications

YIY®



Integrated pure sine wave inverter and AC charger for off-grid and backup power systems.

Available Models

- OPS0612
- OPS1012
- OPS2012
- OPS0612E
- OPS1012E
- OPS2012E
- OPS3012E

Nominal Input Voltage	12Vdc (24Vdc option available)
Operating Voltage Range	10Vdc - 15Vdc
Startup Voltage	11.75Vdc - 14.7Vdc

Battery Management

Battery Alarm Thresholds

Load Level	Low Battery Alarm	High Battery Alarm
0-29%	11.3Vdc	14.0Vdc
30-69%	11.2Vdc	13.9Vdc
70-100%	11.0Vdc	-

Features

YIY®



Engineered for optimal thermal management and reliable long-term durability.

Protection Mechanisms

Overload Protection • Short Circuit Protection • Over-temperature Protection • Low Battery Protection • Over-voltage Protection