



3000 Watt Pure Sine Inverter

INV005

FAQ

How do I connect the inverter to my existing system?

To connect this device, all input and output power lines must be routed through the designated power distribution ports. You can also power devices directly using the built-in GFCI outlets. The battery must be connected using ring terminals to ensure a secure and reliable electrical connection.

Does this inverter have an automatic transfer switch?

Yes, it includes a built-in transfer switch that allows automatic switching between battery and AC input (shore power or generator).

Can I connect this inverter to my RV or van?

Yes, this inverter is perfect for RVs, vans, and off-grid setups. Just make sure to use proper wire gauge and circuit protection during installation.

What is the warranty on this inverter?

We offer a comprehensive 1 year warranty on all of our inverters.

INVERTER SPECS

System Voltage	12V
AC Input Voltage	95V - 127V
AC Output Voltage	120V
Max PV Charge Current	N/A
PV Input Voltage Range	N/A
Max Continuous Power	3000W
Max AC Charge Current	30A
Output Frequency	60Hz (±0.3Hz)
Battery DC Low Cut-off Voltage	10.5V
Battery DC Over Cut-off Voltage	15V
Waveform	Pure-Sine Wave
Conversion Efficiency	90%
Heat Dissipation Time	<8ms
Altitude	≤ 1.86 mi (3km)
Heat Dissipation Solution	Intelligent Temperature Control
Optimal Discharge Temp. Range	15°C (59°F) / 35°C (95°F)

INVERTER SIZE

Weight	51.8lbs. (23.5kg)
Width	7.3in (185mm)
Depth	16.5in (420mm)
Height	7.1in (180mm)



WARNING: Avoid serious collisions;  
Do NOT drop into water;  
Do NOT block the air vent or place it close to the wall.

Customer Support