



110V Solar Grid Tie Micro Inverter

Efficiently turns sunlight into clean and green power. Our solar grid tie micro inverter employs MPPT technology, reverse power transmission, and digital control. It is designed to provide sufficient power to drive various household appliances. Moreover, it has a prolonged service life given its IP65 waterproof design and aluminum alloy structure. The first step on the sustainable energy path is energy conservation, and this inverter aims at achieving exactly this.

- MPPT Technology
- High Performance
- Protective & Reliable
- Easy Operation

VEVOR®

Tough Equipment & Tools, Pay Less

VEVOR is a leading brand that specializes in equipment and tools. Along with thousands of motivated employees, VEVOR is dedicated to providing our customers with tough equipment & tools at incredibly low prices. Today, VEVOR has occupied markets of more than 200 countries with 10 million plus global members.

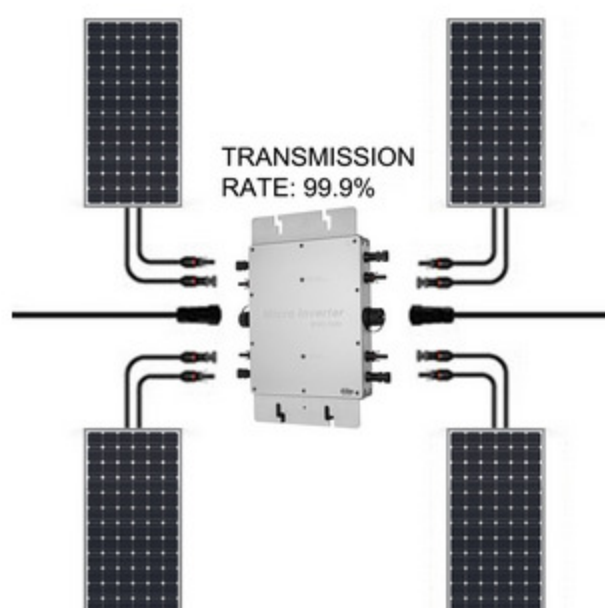
Why Choose VEVOR?

- Premium Tough Quality
- Incredibly Low Prices
- Fast & Secure Delivery
- 30-Day Free Returns
- 24/7 Attentive Service



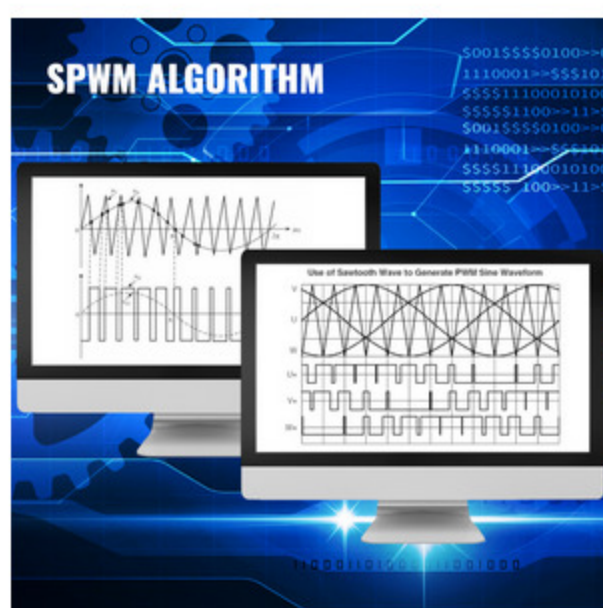
High Automation

The robust MPPT algorithm can automatically track the power points and increase the power generation by 25%. With a real-time monitoring system, it can help you monitor power generation efficiency and reduce workforce expenses.



Stable Dual Channel Technology

This inverter adopts the Dual Channel Circuit Technology, which means two photovoltaic panel inputs can share one MPPT system that keeps the power output and transmission stability. When working, these two channels will never interfere with each other while tracking the maximum power point, which efficiently makes the power transmission rate up to 99.9%.



Digital Control

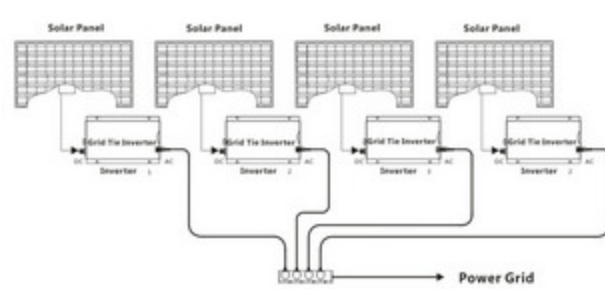
The digital SPWM control technology is characterized by strong anti-interference ability, fast calculation speed, high intelligent degree, high control precision, and excellent output waveform.



IP65 & Aluminum Material

Introducing IP65 waterproof appearance design and aluminum alloy material, it is safe and reliable. Multiple protection functions are provided to prolong service life.

STACKUP DESIGN



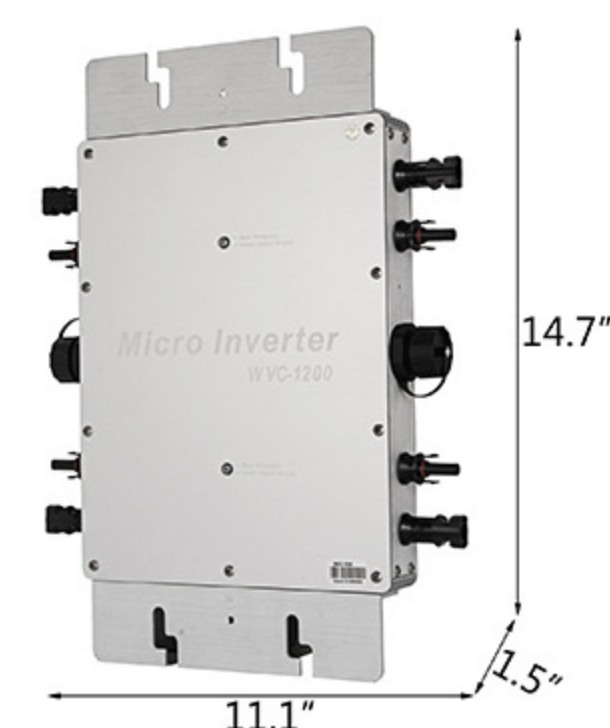
Easy To Use

Lightweight and easy to install, many inverters can be stacked arbitrarily to form a single-phase parallel stacking system. It is simple, whether installation or maintenance.



Wide Usage

It is suitable for various household appliances. It can convert the DC power generated by solar panels into AC power available for household appliances.



Specifications

- Recommended input power: 1200W
- Recommend the use of PV modules: 4 x 300W, 30-50VOC
- Maximum input DC voltage: 54V
- Peak power tracking voltage: 25-40V
- Operating voltage range: 17-50V
- Min/Max start voltage: 22-50V
- Maximum DC short current: 80A
- Maximum input current: 54.4A
- Output power: 110VAC
- Peak power output: 1200W
- Rated output power: 1150W
- Rated output current: 9.58A
- Rated voltage range: 80-160VAC
- Rated frequency range: 57-62.5 Hz
- Power factor: >99%
- Maximum units per branch circuit: 3pcs (Single-phase)
- Static MPPT efficiency: 99.5%
- Maximum output efficiency: 91.2%
- Nighttime power consumption: <1W
- THD: <5%
- Ambient temperature: -40~+60 °C
- Operating temperature range(inverter inside) : -40~+82 °C
- Waterproof rating: IP65
- Cooling: Self-cooling



Package Content

- 1 x 1200W Solar Grid Tie Micro Inverter
- 1 x Tee connector
- 1 x 1.5 m Power Cable
- 1 x Set of Mounting Accessories
- 1 x Product Manual