



Envy True 12kW Inverter

Product Title/H1 Title

Fortress Power Envy True 12kW Hybrid Solar Inverter

SEO Friendly Title (60 characters)/Page Title

Fortress Power Envy True 12kW Hybrid Solar Inverter – 48V, 3 MPPT

Product Description

The Fortress Power Envy True 12kW is a high-power 48V hybrid inverter designed for homes and light commercial systems. Supporting up to 21kW of solar PV input and scalable up to 120kW AC by paralleling 10 units, it delivers reliable energy for grid-tied, off-grid, or backup setups.

With a 200A AC passthrough, your critical loads and full-home circuits stay powered during outages. Fully compatible with all Fortress Power 48V batteries—including eForce, eVault MAX, and eFlex MAX—the Envy True 12kW also supports Virtual Power Plant (VPP) programs, enabling users to earn revenue during high-demand periods.

Its integrated AC/DC breakers, rapid shutdown transmitter, and remote monitoring make installation safe, code-compliant, and easy to manage. Perfect for users who need flexible, scalable, and future-ready solar power.

SEO Friendly Description (150-160 characters)/Meta Description


The Fortress Power Envy True 12kW is a high-performance, all-in-one hybrid inverter designed for whole-home and light commercial applications.


Product Key Features + Benefits


🔋 **High-Power, Scalable Energy** – Supports **21kW PV input** and **12kW continuous output**, expandable up to **120kW AC** by paralleling 10 units, giving homes and businesses reliable, growing power capacity.

⚡ **Quick, Clean Installation** – Built-in **AC/DC breakers** and generous wiring space simplify setup, saving time and reducing labor for both new builds and retrofits.

🛡️ **Safe & Code-Compliant** – Integrated **rapid shutdown transmitter** meets **NEC 2017 & 2020**, eliminating extra devices while ensuring a safe, compliant system.

 **Flexible Voltage Compatibility** – Works with **120/240V split-phase** for residential or **120/208V / 127/220V three-phase** for commercial applications, adaptable to a variety of projects.

 **Earn from Virtual Power Plant Programs** – Approved across the U.S. and Canada, enabling participation in demand-response programs to monetize stored energy during peak periods.

 **Remote Monitoring & Firmware Updates** – Manage solar production, battery performance, and system settings via the Fortress Power app, keeping your system efficient and up to date without onsite visits.

Applications

- Modern Homes with Growing Energy Needs
- Light Commercial Properties
- Grid-Connected Systems with VPP Participation
- DIY Solar Setup

Product Pairing Recommendations

eForce, eVault MAX, and eFlex MAX