



Envy Duo 21

Product Title/H1 Title

Fortress Power Envy Duo 21 48V Hybrid Solar Inverter – 16kW High-Power Output for Home & Small Business

SEO Friendly Title (60 characters)/Page Title

Envy Duo 21 16kW Hybrid Inverter – Powerful 48V Solar

Product Description

The Envy Duo 21 is Fortress Power's most powerful 48V hybrid inverter, built to handle both residential and light commercial energy needs. With up to 25kW solar input and dual-phase support (240V split-phase and 208V three-phase), it delivers a reliable 12kW of continuous backup power with up to 16kW export capacity.


Perfectly paired with Fortress Power's 48V batteries, the Envy Duo 21 offers flexible applications from whole-home backup to off-grid living. With built-in AC/DC breakers, rapid shutdown transmitter, and scalability up to 120kW, it's a future-ready solution designed for maximum performance and long-term reliability.


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

MPPT hybrid solar inverter 48V with PV integration and dual voltage compatibility, designed for growing home energy needs and small business solar systems.

Product Key Features + Benefits

- ⚡ High PV Input, Maximum Generation** – Handles up to 25kW of solar input, so you can generate more solar production and store more energy from your system—perfect for larger homes or small businesses.
- 🔌 Flexible Voltage for Any Setup** – Works with both 240V split-phase and 208V three-phase setups, giving you compatibility across different grid types without extra equipment.
- 🔋 Streamlined Battery Integration** – Optimized for Fortress Power 48V batteries, delivering 12kW continuous output and up to 16kW peak, ensuring whole-home or business backup without compromise.
- 🔧 Expandable as You Grow** – Expand your system by connecting up to 10 inverters in parallel, allowing your energy capacity to grow as your needs increase—without a full redesign.

 **Simplified, Code-Compliant Installation** – Comes with built-in AC/DC breakers and a rapid shutdown transmitter, cutting installation time and keeping your system safe and compliant from day one.

 **Smart Monitoring Anywhere** – Track solar production, battery health, and energy usage directly from the Fortress Power mobile app, with remote firmware updates to keep your system running at its best.

Applications

- Modern Households with Growing Energy Needs
- Light Commercial Properties
- Hybrid and Off-Grid Living
- DIY Solar Setup

Product Pairing Recommendations

eBoost Battery