

## EG4® 12kPV HYBRID INVERTER

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### POWERFUL INSTALLATION:

- **SWIFT SETUP:** Cut time and costs with streamlined installation
- **ALL-IN-ONE CONTROL:** Centralized unit for seamless power management
- **DIVERSE POWER:** Harness multiple power sources (AC/DC) efficiently, reducing upfront expenses

### RELIABLE MONITORING & CERTIFICATIONS:

- **US-BASED SUPPORT:** Rely on EG4's locally based team of tech support experts
- **INSPECTION-READY:** Comprehensive certifications make passing inspection simple
- **REMOTE CONTROL:** Stay in control with remote system monitoring and support

### FUTURE-READY INTEGRATION:

- **SEAMLESS COMMUNICATION:** Connect with EG4 batteries via closed-loop communication
- **UPGRADE ANYWHERE:** Remote updates for integration with future technologies
- **SCALABLE POWER:** Combine up to 10 units for 80kW of output allowing for plenty of room to grow

The EG4 12kPV is a 48V, split-phase hybrid inverter designed for both rural and suburban homeowners seeking energy independence. It is similar to the EG4 18kPV in its ability to power loads while charging batteries and also shares the same architecture and firmware.

However, the 12kPV is more compact, making installation simpler, and provides significant cost savings. It plays a central role in the EG4 energy storage system, incorporating MPPTs, a two-way DC-AC inverter, grid interaction, and battery connectivity. This integration of grid-tie and off-grid functionalities removes the need for additional charge controllers or transformers, offering a convenient and comprehensive energy solution.

The 12kPV supports 12kW of PV input and 8kW of continuous output, even during battery charging, producing enough power to easily start a 5-ton air conditioner which positions it as an effective option for those looking to implement a lightweight ESS. Additionally, its modular design allows for expansion, adapting to both today and tomorrow's energy needs. Users can monitor system performance and perform updates remotely via the EG4 Web Monitoring Website/App, ensuring control and flexibility.

Elevate energy independence with the 12kPV. This compact, cost-effective powerhouse integrates seamlessly into energy storage systems, offering an all-in-one solution. With swift installation, remote monitoring, and future-ready features, the 12kPV ensures reliable, efficient, and scalable energy solutions.

Enter the solar landscape confidently, backed by EG4's US-based support and a constant commitment to powering the way into the future.