



EPEQ INVERTER3000+ Electrified Power Equipment

One Power System. Less Complexity.

Managing mobile power shouldn't require a collection of separate devices—Replace multiple power-system components with one integrated solution that helps simplify charging, power conversion, and power management.

The EPEQ® INVERTER3000+ combines an inverter, transfer switch, multi-stage AC shore power charger, and dual independent DC-DC chargers with dedicated alternator and MPPT solar inputs into one integrated platform designed for mobile applications. Whether you're outfitting an RV, overland vehicle, boat, or mobile workspace, you'll get the essential power-management functions you need in a single, streamlined system.



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EPEQ® INVERTER3000+

KEY FEATURES

- Combines multiple functions into a singular system, reducing the number of components to install & manage
- Dual independent DC-DC chargers help replenish auxiliary batteries from available alternator power, keeping energy reserves available throughout the workday
- Dedicated MPPT solar input enables battery charging from rooftop solar panels, helping keep batteries charged during extended stops, remote jobs, or weekends
- Built-in transfer switching automatically transitions between inverter power & available AC input sources, maintaining uninterrupted power to connected loads
- Designed to deliver the charging, power conversion, & energy management capabilities needed for RVs, overland vehicles, boats, service trucks, & utility vehicles
- Integrated on/off control with dedicated indicators for power, AC output, & battery status
- Remote control panel for comprehensive monitoring of battery status, charging performance, AC power usage, & system settings
- Includes RV-C CAN communication system
- Leverages the vehicle ignition start signal to control alternator operation for efficient battery charging

SPECIFICATIONS

Inverter

- 3000W continuous, 6000W surge capacity
- 12.5VDC (nominal) input voltage
- 120VAC pure sine wave output voltage

Shore Power Charger

- Adjustable amperage: 100A, 80A, 60A, 40A, or 20A
- Multi-stage: check, bulk, absorption, float, & recharge

DC-DC Charger

- Dual 50A
- Amperage can be adjusted by 5A intervals
- Dedicated battery/alternator & solar inputs with MPPT tracking that allows for use of dual alternator, dual solar panels, or a combination of both

Automatic Transfer Switch

- 120VAC input voltage
- 30A transfer relay rating
- Rapid < 30ms transfer time
- Hardwired 30A heavy duty input/output connectors
- NEMA 5-20 GFCI output socket
- Amperage can be adjusted to 30A (default), 20A, or 15A

Unit Controls

- Integrated on/off controls
- Power, AC output, & battery status indicators

Remote Control Panel

- Backlit LCD display for clear system visibility
- Real-time visibility of AC bypass, battery power, AC input, battery status, warnings, & fault conditions
- RV-C CAN connectivity
- USB port for convenient software updates

Certifications

- TUV
- UL & CSA compliant
- FCC compliant (EMI/EMC)

Dimensions/Weight

- 19.7L x 12.2W x 6.2H
- 32.5 lbs.

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