

SEEW4 Hybrid

10-500 KVA (8 to 400 KW) Central Lighting Inverter

SEEW4 is an advanced inverter engineered for robust and reliable power supply in critical environments. This cutting-edge system offers automatic self-testing, true galvanic isolation, and redundant multi-CPU design, ensuring uninterrupted performance. With intelligent battery management and optimal heat dissipation, it's the ideal choice for critical power applications.

A selection of optional accessories to meet your particular needs are available:

Key Features:

- Automatic monthly and annual self-testing
- Multiple design configurations
- True Galvanic isolation design
- Designed to protect against a floating neutral
- Advanced digital signal processing
- Modular design for ease of troubleshooting and maintenance
- Redundant Multi-CPU design allows the soft-ware and hardware to work together as a team
- The most intelligent and safe battery test circuitry available today
- Individualized inverter support on each phase
- Intelligent, fully temperature compensated battery charger
- Hi-Tech fan speed control
- Optimum design for heat dissipation
- Battery power start feature
- 2 Year Warranty* (optional)
- 3-Phase PC monitoring software
- Battery Sentinel (Battery Monitoring)
- 3-Phase SNMP card
- Input Harmonic Filter – reduces T.H.D. (Total Harmonic Distortion) of the input current
- Customizable backup time of 120 minutes or more
- 12 Pulse up to 60 kVA to reduce Harmonic in the input side for facility
- Thermal Runaway Control (IFC 1206.2)

*Second Year, months 13 to 24 only valid with factory performed preventive maintenance



Made in USA

(BAA & BABA Compliance)
Capable of meeting BAA & BABA requirements upon request!



Three Phase
208Y/120 or 480Y/277 VAC Modular design,
Front access Listed to UL924 and UL1778
Hybrid Fast Transfer Green Mode -98% Efficiency (Typical) Online Continuous Mode-94% Efficiency (Typical)

Standard Features

- Independent Phase Control Circuitry:
 - Phase Imbalance Tolerant.
 - Will operate completely unbalanced.
- Field Selectable Modes:
 - Online Double Conversion
 - Green Mode / Fast Transfer
- Pulse Width Modulation Rectifier:
 - 06-pulse (24kW to 64kW).
 - 12-pulse (80kW and above).
- Main Input/Output Circuit Breakers.
- Internal Maintenance Bypass.
- Transient Voltage Surge Suppression (TVSS).
- LCD Display for Viewing Unit Status and Events.
- Modular Design for Ease of Service.
- Multiple CPU Design:
 - Individual CPUs for Control Circuit Functions.
 - Parallel Redundancy for Critical Circuits.
- Intelligent Charger w/ Temperature Compensation.
- Redundant Power Supply.
- Integral Protection Against Operator Error.
- Power Conditioning Using PWM Methodology.
- Output Isolation Transformer for True Galvanic Isolation on the Load Side of the Inverter.
- Cold Start Function:
 - Power Up the Unit Using Its Batteries.

