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EF3000ISE

3 kVA Inverter Generator

Power Rating: 3000 W

Generator Type: Inverter
Rated Voltage: 230 V
Frequency: 50 Hz
Rated Output: 2.8 kVA
Max. Output: 3 kVA
DC Output: 12 V / 12 Amps
Engine Type: OHV Air Cooled - MZ175
Displacement: 171 cc
Max. Output: 4 kW (5.5 hp) / 4000 rpm
Starting System: Recoil / Electric
Dimensions: 680(L) x 445(W) x 555(H) mm
Dry Weight: 67 kg
Fuel Tank Capacity: 13 L (full load)
Operating Hours (Eco On): 20.5 hr (1/4 load)
Noise Level: 51 dBA (1/4 load) / 57 dBA (full load)



FEATURES

- Brushless alternator
- Inverter voltage regulator
- Auto decompressor
- Electric starter
- Electronic circuit breaker system
- Fuel level gauge
- Oil level warning system
- Pilot lamp
- Noise level suppressor
- Economy idle system

ACCESSORIES

- Transportation kit (standard w/ wheels)
- Remote starter kit (optional)
- AC plug
- DC charging cord

What is an Inverter System?

An inverter system stabilizes the amount of voltage and frequency produced by a petrol engine driven alternator through the supply of "sine wave" electricity, with a distortion ratio of less than 2.5%. That's why Yamaha Inverters are the ideal power source when using precision equipment or micro-computer controlled electrical appliances.

More Controlled, Clean Power

Yamaha's Inverter system produces AC current within a controlled electrical circuit process, known as PWM (Pulse Width Modulation). As a result, fluctuations in engine speed do not affect the voltage or frequency of the electrical output while at the same time reducing output emissions.

Multi-Polar Alternator System

The adoption of a multi-polar alternator enables the generation of more efficient, high frequency 3-phase AC current that the inverter then turns into single phase. The high efficiency alternators on a Yamaha Inverter achieve a much lighter and more compact generating unit than conventional 2-pole rotor type alternators.

Smart Throttle

Yamaha's Smart throttle feature automatically adjusts the engine speed to precisely match the energy load. This means much quieter, more efficient engines that run and last longer.

Unbeatable Noise Block

Yamaha's Noise Block feature, an acoustically engineered sound reduction system, utilises various sound absorbing materials, moulded cases, an intake silencer, fibreglass insulation, plus newly designed mufflers and fans to provide virtually silent running while maintaining the highest quality performance.

Quiet Muffler & Low Oil Shut-off

At the heart of every generator is a strong Yamaha engine that delivers powerful and consistent performance, that's so quiet you'll forget its running. Every generator includes an approved spark arrestor and a low oil shut-off system for long life and added peace of mine.

FEATURES	BENEFITS
Inverter system with Pulse Width Modulation (PWM) control.	Inverter System with Pulse Width Modulation Industry leading system that produces higher-quality and cleaner electricity. Results in pure sine wave as clean or cleaner than commercial power and can operate products with built in microcomputers.
Noise Block.	Full enclosure Sound absorbing material used in key locations inside the enclosure along with newly designed muffler and moulded fan produce unbeatable noise reduction Material absorbs rather than resonates sound.
Long Run Time.	Runs continuously for up to 20.5 hours without refueling (at 1/4 rated load with "Economy Control" function on).
Smart Throttle.	Load Sensing Throttle Control. Automatically adjusts engine speed to precisely match load, resulting in greater fuel efficiency and noise reduction.
12 Volt DC Output. (Battery Charging Cables Included)	Recharge 12 volt batteries for RV, auto, marine, aircraft.
Exclusive Dual Coil Alternator Stator.	Lower Engine Speed Reduced noise, fuel consumption and engine wear.
Centralised Control Panel.	Control Panel enables easy access to controls.
Electric Starter.	Ease of operation Effortless Starting.
OHV 171cc Engine. (overhead valve)	Peace of mind Increased reliability Low oil consumption Noise-reducing operation.
Oil Warning Engine Shut off System.	Prevents engine damage Avoids costly repairs Minimises down time Enhances long-term.

Specifications subject to variation without notice.



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