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EF6300ISE

The all new EF6300iSE is the most powerful, most advanced Yamaha inverter generator ever!

Power Rating: 6300 W

The EF6300iSE quietly cranks out up to 6300 watts of pure sine wave inverter power at 230 volts to confidently run high-demand items like pumps and RV air conditioners, as well as sensitive equipment like plasma TVs and computers. The advanced features packed into the EF6300iSE include: electric start and optional wireless remote to provide you with everything you'd expect from Yamaha in one beautiful, power and compact package.

Generator Type: Inverter
Rated Voltage: 230 V
Frequency: 50 Hz
Rated Output: 5.5 kVA
Max. Output: 6.3 kVA
Engine Type: 0HV Air Cooled - MZ360
Displacement: 357 cc
Max. Output: 6.6 kW (9 hp) / 3400 rpm
Starting System: Electric
Dimensions: 780(L) x 616(W) x 692(H) mm
Dry Weight: 91 kg
Fuel Tank Capacity: 17 L (full load)
Operating Hours (Eco On): 12.6 hr (1/4 load)
Noise Level: 58 dBA (1/4 load)



FEATURES

- Brushless alternator
- Inverter voltage regulator
- Auto decompressor
- Electric Starter
- Circuit breaker system
- Fuel level gauge
- Oil level warning system
- Voltage Meter
- Pilot Lamp
- Noise level suppressor
- Economy idle system

ACCESSORIES

- Transportation kit (condenser)
- AC plug

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
Long continuous operation and reduced noise emissions.	The EF6300iSE is powered by a 4-stroke 357cc OHV petrol engine, and is fitted with a large capacity muffler for quieter operation and Economy Control to allow the engine to run efficiently at variable rpm/load. These features allow the EF6300iSE to operate at 58dBA (@ ¼ load) / 65dBA (@ full load), making it one of the quietest generators in its class, while the high-output engine and large capacity fuel tank (17L) achieve long continuous operation of 12.6hr (@ ¼ load) / 4.7hr (@ full load).
High output in a light weight, compact body.	Abundant use of resin parts (e.g. exterior panel, muffler cover, etc.) and removal of the recoil starter allow the generator to be light and compact, while at the same time being able to output enough electricity to allow simultaneous use of an air conditioner and a microwave, which provides great utility in the leisure scene.
Portable and easy to service.	Twin lifting bars are installed at the top and bottom on both sides of the body for easy unloading. The large four-wheeled caster (with locking function) enhances the portability of the generator, while the twin bars and casters act as a buffer against impact. The exterior panels have been designed with one detachable panel on each side for better accessibility when servicing.
Many user-friendly functions.	The new electronic auto-choke allows the engine to be started more reliably in varying temperature conditions (i.e. re-starts or idling in colder environments) and enables an optional wireless remote control to be used (approximately 20m in clear view of the generator). Conveniently located on one side panel for improved usability, the Control Panel features a LED Power Meter (displays power usage), a Fuel Gauge (displays fuel level) and a Digital Hour Meter (displays total running time).
High quality electricity.	The EF6300iSE supplies high quality "sine wave" electricity, known as Pulse Width Modulation (PWM) control, which is characterized by stable voltage and frequency. This allows the EF6300iSE to be used as a power source for micro-computer controlled equipment including air conditioners, microwaves, refrigerators and other appliances with built-in computer functions.
Designed for your protection.	As with other Yamaha inverter generators, electric breakers (with overload warning lamp) are fitted in the system to protect the EF6300iSE, and mechanical breakers are fitted to protect the receptacles.
Environmentally friendly design.	The EF6300iSE complies with strict emission standards and is 94% recyclable.

Specifications subject to variation without notice.



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