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## EF2400IS

### 2.4 kVA Inverter Generator

Power Rating: 2400 W

**Generator Type:** Inverter  
**Rated Voltage:** 230 V  
**Frequency:** 50 Hz  
**Rated Output:** 2 kVA  
**Max. Output:** 2.4 kVA  
**DC Output:** 12 V / 8 Amp  
**Engine Type:** OHV Air Cooled - MZ175  
**Displacement:** 171 cc  
**Max. Output:** 4 kW (5.5 hp) / 4000 rpm  
**Starting System:** Recoil  
**Dimensions:** 527(L) x 419(W) x 459(H) mm  
**Dry Weight:** 32 kg  
**Fuel Tank Capacity:** 6 L (full load)  
**Operating Hours (Eco On):** 9 hr (1/4 load)  
**Noise Level:** 54 dBA (1/4 load) / 59 dBA (full load)



### FEATURES

- Brushless alternator
- Inverter voltage regulator
- Auto decompressor
- Electronic circuit breaker system
- Fuel level gauge
- Oil level warning system
- Pilot lamp
- Noise level suppressor
- Economy idle system (always on)

### ACCESSORIES

- Transportation 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, utilizes 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 &amp; 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
TwinTech™ capability.	Hook up two EF2400iS's for 3800 watts of maximum power.
Auto-decompression system.	Reduces compression for easier starting.
Gasoline petcock.	Helps prevent carburetor contamination during storage.
Controls all on one panel.	Easy access to controls.
Smart Throttle™ varies engine speed based on load.	Improves fuel economy and reduces noise.
Comfortable grip handles.	Easy portability and storage.
Fuel gauge.	Ability to gauge fuel level without opening cap.
Oil Watch warning system.	Prevents engine damage - Provides added peace-of-mind.
Electrical overload breaker.	Prevents generator damage in case of overload.
Die-cast aluminum frame.	Light weight, high strength.
Inverter system with Pulse Width Modulation (PWM) control.	Can run products with built-in microcomputer-controlled electric tools.
DC outlet.	8A12V outlet for charging batteries (cables included).
Rubber vibration isolation feet.	Absorbing feet for increased smooth operation and noise reduction.
Multi-polar alternator.	Light, compact design with great power output to weight ratio.
OHV engine with cast iron cylinder liner.	Efficient, reliable, powerful providing long life and excellent heat dissipation.
Easily detachable side panels.	For easier serviceability.
Noise Block™ sound reduction system.	Very quiet.

Specifications subject to variation without notice.



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571 Grand Junction Road Gepps Cross, SA 5094

**(08) 8162 5957**  
including after hours emergencies

Fax: (08) 8162 5058  
info@aemgroup.net.au  
www.aemgroup.net.au