## Specifications

Introducing the Next Generation of small generators...

### 4-STROKE PETROL GENERATORS

#### General Features

<table>
<thead>
<tr>
<th>Feature</th>
<th>EF1000iS</th>
<th>EF2000iS</th>
<th>EF2400iS</th>
<th>EF2800iS</th>
<th>EF3000iSE</th>
<th>EF5500FW</th>
<th>EF6300iSE</th>
<th>EF7200E</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>Inverter</td>
<td>Inverter</td>
<td>Condenser</td>
<td>Inverter</td>
<td>Condenser</td>
<td>Condenser</td>
<td>Condenser</td>
<td>Condenser</td>
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<tr>
<td>Frequency</td>
<td>50Hz</td>
<td>50Hz</td>
<td>50Hz</td>
<td>50Hz</td>
<td>50Hz</td>
<td>50Hz</td>
<td>50Hz</td>
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<tr>
<td>Rated Output</td>
<td>0.9kVA</td>
<td>1.6kVA</td>
<td>2.0kVA</td>
<td>2.8kVA</td>
<td>2.8kVA</td>
<td>5.5kVA</td>
<td>5.5kVA</td>
<td>5.5kVA</td>
</tr>
<tr>
<td>Max. Output</td>
<td>1kVA</td>
<td>2kVA</td>
<td>2.4kVA</td>
<td>2.8kVA</td>
<td>3kVA</td>
<td>5.5kVA</td>
<td>6kVA</td>
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<tr>
<td>Rated Amperage</td>
<td>4.3Amps</td>
<td>7Amps</td>
<td>10.4Amps</td>
<td>12.2Amps</td>
<td>13Amps</td>
<td>16.5Amps</td>
<td>23.9Amps</td>
<td>20.8Amps</td>
</tr>
<tr>
<td>DC Output</td>
<td>12V / 4kW</td>
<td>12V / 4kW</td>
<td>None</td>
<td>12V / 12Amps</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>None</td>
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#### Engine Details

<table>
<thead>
<tr>
<th>Feature</th>
<th>EF1000iS</th>
<th>EF2000iS</th>
<th>EF2400iS</th>
<th>EF2800iS</th>
<th>EF3000iSE</th>
<th>EF5500FW</th>
<th>EF6300iSE</th>
<th>EF7200E</th>
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<tbody>
<tr>
<td>Type</td>
<td>OHV MZ50</td>
<td>OHV MZ50</td>
<td>OHV MZ75</td>
<td>OHV MZ175</td>
<td>OHV MZ175</td>
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<tr>
<td>Air Cooled</td>
<td>Yes</td>
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<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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<tr>
<td>Displacement</td>
<td>50cc</td>
<td>79cc</td>
<td>171cc</td>
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<td>357cc</td>
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<tr>
<td>Max. Output</td>
<td>1.6kW (2.2hp)</td>
<td>2.3kW (3.1hp)</td>
<td>4.0kW (5.5hp)</td>
<td>4.4kW (5.9hp)</td>
<td>4.4kW (5.9hp)</td>
<td>8.8kW (12hp)</td>
<td>6.6kW (9hp)</td>
<td>8.8kW (12hp)</td>
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<tr>
<td>Starting System</td>
<td>Recoil</td>
<td>Recoil</td>
<td>Recoil</td>
<td>Recoil</td>
<td>Recoil/Electric</td>
<td>Recoil/Electric</td>
<td>Recoil/Electric</td>
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<tr>
<td>Size - LxWxH (mm)</td>
<td>450x240x380</td>
<td>490x280x445</td>
<td>527x419x459</td>
<td>487x395x425</td>
<td>680x445x555</td>
<td>670x535x585</td>
<td>780x616x692</td>
<td>670x535x585</td>
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<tr>
<td>Dry Weight</td>
<td>12.7kg</td>
<td>20kg</td>
<td>32kg</td>
<td>28kg</td>
<td>67kg</td>
<td>80kg</td>
<td>91kg</td>
<td>93kg</td>
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<tr>
<td>Fuel Tank Capacity</td>
<td>2.5L</td>
<td>4.4L</td>
<td>6L</td>
<td>11.2L</td>
<td>13L</td>
<td>28L</td>
<td>17L</td>
<td>28L</td>
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<tr>
<td>Operating Hrs (1/4 Load)</td>
<td>12hr (Eco On)</td>
<td>15.5hr (Eco On)</td>
<td>19hr (Eco On)</td>
<td>17hr (Eco On)</td>
<td>20.5hr (Eco On)</td>
<td>21hr (Eco On)</td>
<td>11hr (Eco On)</td>
<td>11hr (Eco On)</td>
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<tr>
<td>Noise Level (1/4 Load)</td>
<td>47dBA (7m)</td>
<td>51.5dBA (7m)</td>
<td>54dBA (7m)</td>
<td>60dBA (7m)</td>
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<td>51.5dBA (7m)</td>
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<td>Brushless Alternator</td>
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<td>Auto Decompressor</td>
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<td>Circuit Breaker</td>
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<td>Oil Level Warming</td>
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<td>Noise Block™</td>
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<td>TwinTech™ (Parallel Use)</td>
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</tr>
</tbody>
</table>

### Available from:

YAMAHA MOTOR AUSTRALIA PTY LIMITED
www.generatoryamaha.com.au

Specifications are subject to change without notice. As a result, actual products may differ from those pictured or described. Please read the Owner’s Manual carefully before use to ensure proper operation.

Phone: 1300 735 440

YAMAHA MOTOR AUSTRALIA PTY LIMITED
www.generatoryamaha.com.au
Let there be light, TV, cold drinks and hot pies.
YAMAHA INVERTER GENERATORS

USE THEM ONCE AND YOU’LL BE CONVINCED!

YOU BRING THE NECESSITIES, WE’VE GOT THE POWER.

Light, quiet, portable and easy to use... Yamaha generators are every camper’s and caravanner’s versatile workhorse.

Yamaha’s portable range of 4-stroke petrol powered inverter generators are the new wave in generator technology for when you need clean, high quality electricity in a compact and lightweight package. This means they are easy to transport whether operating equipment in the field, camping, fishing, using power tools or overcoming a power outage.

What is an Inverter system?

An Inverter System stabilises the amount of voltage and frequency produced by a petrol-driven alternator through the supply of “sine wave” electricity. That’s why Yamaha inverter generators are the ideal power source when using precision equipment or microcomputer controlled electrical appliances.

Advanced sound reduction

Generating electricity used to be a noisy task. That’s why Yamaha created Noise Block™, an acoustically engineered sound reduction system. Noise Block™ technology utilises various sound absorbing materials, modified cases, an intake silencer, fibre-glass insulation, plus uniquely designed mufflers and fans to provide virtually silent running whilst maintaining quality performance. It also reduces electrical interference with TV and radio signals.

Less than 2.5% Distortion Ratio

This means Yamaha inverter generators can be used with equipment that requires stable frequency and voltage, as defined by an ideal “sine wave” when graphed, like products with built-in computer functions and microcomputer controlled equipment (e.g. power tools and projectors).

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 electricity. The high efficiency alternators on a Yamaha inverter achieve a much lighter and more compact generating unit than conventional 2-pole rotor type alternators.

Economy idle control

Bringing along a generator was never quieter or easier. That’s why Yamaha created Smart Throttle™; a feature that automatically adjusts the engine speed to precisely match the load. Smart Throttle™ allows the generator to run quietly while increasing fuel efficiency, prolonging engine life and extending running time between refuelling.

Electronic Circuit Breaker

Cuts off current when output voltage exceeds the designated maximum output capacity.

4-Stroke OHV Engine

Powerful performance, precise valve actuation, excellent heat dissipation, low fuel consumption and reduced noise level.

Oil Warning System

Engine stops automatically when oil level is low, prevents engine damage and minimises costly repairs.

Petrol Petcock

Reduces carburettor contamination during storage by turning off petrol flow and allowing the carburettor to run dry.

Auto Decompressor

Light recoil starting reduces compression for effortless starting.

Electronic Starter

Provides effortless starting, electric motor cranks generator until it starts.

Fuel Gauge

Displays fuel level without having to open the fuel cap.

DC Output Capability

Convenient for battery charging.

Output Voltage

Ensures stable frequency with equipment that requires stable frequency output.

4-Stroke OHV Engine

Powerful performance, precise valve actuation, excellent heat dissipation, low fuel consumption and reduced noise level.

Electronic Circuit Breaker

Cuts off current when output voltage exceeds the designated maximum output capacity.

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 electricity. The high efficiency alternators on a Yamaha inverter achieve a much lighter and more compact generating unit than conventional 2-pole rotor type alternators.

Economy idle control

Bringing along a generator was never quieter or easier. That’s why Yamaha created Smart Throttle™; a feature that automatically adjusts the engine speed to precisely match the load. Smart Throttle™ allows the generator to run quietly while increasing fuel efficiency, prolonging engine life and extending running time between refuelling.

FEATURES TO LOOK FOR

- TwinTech™ (Parallel Use Function): Hook up two generators of the same specification for almost double the power output, while retaining the same voltage and frequency of a single unit. Only available with models EF2000iS, EF3000iSE and EF4000iSE.
- Electronic Circuit Breaker: Cuts off current when output voltage exceeds the designated maximum output capacity.
- 4-Stroke OHV Engine: Powerful performance, precise valve actuation, excellent heat dissipation, low fuel consumption and reduced noise level.
- Oil Warning System: Engine stops automatically when oil level is low, prevents engine damage and minimises costly repairs.
- Electric / Non-Fused Overload Breaker: Prevents generator damage in case of overload.
- Auto Decompressor: Light recoil starting reduces compression for effortless starting.
- Petrol Petcock: Reduces carburettor contamination during storage by turning off petrol flow and allowing the carburettor to run dry.
- DC Output Capability: Convenient for battery charging.
- Fuel Gauge: Displays fuel level without having to open the fuel cap.
- Electronic Circuit Breaker: Cuts off current when output voltage exceeds the designated maximum output capacity.
- Multi-polar alternator system

The ultimate generator on wheels, the EF3000iSE is capable of producing clean, quiet, high quality electricity around the home or in a motorhome. It will run for up to 28.5 hours* without refuelling and features an electric starting system for effortless start-ups every time, as well as the option of wireless remote.

ELECTRIC START

EF3000iSE 3 kVA

The lightest generator in its class, the EF1000iS is a compact 12.7 kg and will run continuously for up to 12 hours* without refuelling.

The EF6300iSE is the most powerful and most advanced inverter generator ever. It quietly and confidently powers high demand items like pumps and RV air-conditioners, as well as sensitive equipment like plasma TVs and computers. It comes with an electric start system and optional wireless remote.

**Features:**
- Electronic Circuit Breaker
- 4-Stroke OHV Engine
- Oil Warning System
- Auto Decompressor
- Fuel Gauge
- DC Output Capability
- Petrol Petcock
- Brushless Alternator
- TwinTech™
- Noise Block™
- Spark Arrestor

**EF5500FW**
- 5.5 kVA
- Best seller for Caravans, RVs & Motorhomes.
- Light and super quiet, the EF2400iS produces a massive 2400 watts of maximum power and comes with TwinTech™ capability to offer you additional power when you need it.

**Features:**
- Electronic Circuit Breaker
- 4-Stroke OHV Engine
- Non-Fused Circuit Breaker
- Long Range Fuel Tank
- Brushless Alternator
- Oil Warning System
- Voltage Meter
- Petrol Petcock
- Noise Block™
- Spark Arrestor

**EF7200E**
- 6 kVA
- The EF7200E provides serious full time power and features an electric starter for hassle-free start-ups. It is capable of running most homes in an emergency situation and can take on heavy load items such as fridges and air-conditioners.

**Features:**
- Auto Decompressor
- Non-Fused Circuit Breaker
- 4-Stroke OHV Engine
- Fuel Gauge
- Brushless Alternator
- Voltage Meter
- Oil Warning System
- Petrol Petcock
- Spark Arrestor
- Noise Block™

**EF2000iS / EF2000iSC**
- 2 kVA
- Our Most Popular Unit & Beats the Competition. Not only does it outperform the competition, the EF2000iS is also smaller, lighter and quieter with lots of great features for camping and recreational applications.

**Features:**
- Electronic Circuit Breaker
- 4-Stroke OHV Engine
- Oil Warning System
- Auto Decompressor
- Fuel Gauge
- DC Output Capability
- Petrol Petcock
- Brushless Alternator
- TwinTech™
- Noise Block™
- Spark Arrestor

**EF2400iS**
- 2.4 kVA
- Best seller for Caravans, RVs & Motorhomes.
- Light and super quiet, the EF2400iS produces a massive 2400 watts of maximum power and comes with TwinTech™ capability to offer you additional power when you need it.

**Features:**
- Electronic Circuit Breaker
- 4-Stroke OHV Engine
- Oil Warning System
- Auto Decompressor
- Fuel Gauge
- DC Output Capability
- Petrol Petcock
- Brushless Alternator
- TwinTech™
- Noise Block™
- Spark Arrestor

**EF2800i**
- 2.8 kVA
- At 29 kg, the EF2800i is the lightest and quietest generator in its class. It can power anything from power tools to sophisticated electronics.

**Features:**
- Electronic Circuit Breaker
- 4-Stroke OHV Engine
- Oil Warning System
- Auto Decompressor
- Petrol Petcock
- Brushless Alternator
- Voltage Meter
- Noise Block™

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**CONVENTIONAL GENERATORS**

Yamaha offers reliable generators that deliver an unbeatable combination of power and performance in a quiet, compact package.

**EF5500FW**
- 5.5 kVA
- The EF5500FW boasts a powerful 12 hp engine, 2x 15 Amp outlets and a circuit breaker, 28 litre long range fuel tank that will run continuously for up to 11 hours* and an extra large muffler for super quiet operation.

**Features:**
- 4-Stroke OHV Engine
- Non-Fused Circuit Breaker
- Long Range Fuel Tank
- Brushless Alternator
- Oil Warning System
- Fuel Gauge
- Petrol Petcock
- Voltage Meter
- Noise Block™

**EF2000E**
- 6 kVA
- At 29 kg, the EF2800i is the lightest and quietest generator in its class. It can power anything from power tools to sophisticated electronics.

**Features:**
- Electronic Circuit Breaker
- 4-Stroke OHV Engine
- Oil Warning System
- Auto Decompressor
- Petrol Petcock
- Brushless Alternator
- Voltage Meter
- Oil Warning System
- Petrol Petcock
- Spark Arrestor
- Noise Block™

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*Based on quarter load with Economy Idle Control function on.