

4-STROKE PETROL

# GENERATORS

*Blue Whisper*  
PERFORMANCE & PEACE OF MIND **GENERATORS**

*Let there be light, TV,  
cold drinks and hot pies.*



EF1000iS



EF2000iS



EF2400iS



EF2800i



EF3000iSE



EF6300iSE



EF5200FW



EF6600E

# YAMAHA INVERTER GENERATORS

USE THEM

## YOU BRING THE NECESSITIES, WE'VE GOT THE POWER.

Light, quiet, portable and easy to use...  
Yamaha generators are quickly becoming every camper'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 light weight package. This means they are easy to transport whether operating equipment in the field, four-wheel-driving, camping, fishing, using power tools or overcoming a power outage.

### What is an Inverter system?

An Inverter System stabilizes 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.

### 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 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

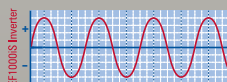
Bringing along a generator was never quieter or easier. That's why Yamaha created Smart Throttle™, a feature that automatically adjusts the engine speed to precisely match the load. Smart Throttle™ allows the generator to run quietly while increasing fuel efficiency, prolonging engine life and extending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

### 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, moulded 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).



## 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 and EF24000iS.
- 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.
- Electric Starter: Provides effortless starting, electric motor cranks generator until it starts.
- Voltage Meter: Voltage confirmation at a glance.
- Brushless Alternator: Minimal maintenance, hassle-free service and clean output.
- Long Range Fuel Tank: Improved efficiency and longer running time.
- USFS-Approved Spark Arrestor: Keeps sparks from exiting exhaust system to reduce risk of errant sparks causing a fire.



EF1000iS

1 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.

Features: Electronic Circuit Breaker, 4-Stroke OHV Engine, Oil Warning System, Auto Decompressor, Petrol Petcock, Brushless Alternator, DC Output Capability and Spark Arrestor.



ELECTRIC START

EF3000iSE

3 kVA

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 20.5 hours\* without refuelling and features an electric starting system for effortless start-ups every time, as well as the option of wireless remote.

Features: Electronic Circuit Breaker, 4-Stroke OHV Engine, Oil Warning System, Auto Decompressor, DC Output Capability, Fuel Gauge, Petrol Petcock, Brushless Alternator, Electric Starter and Spark Arrestor.

# ONCE AND YOU'LL BE CONVERTED



TWIN TECH™

**EF2000iS**

**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™ and Spark Arrestor.



TWIN TECH™

**EF2400iS**

**2.4 kVA**

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™ and 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, Fuel Gauge and Spark Arrestor.

## CONVENTIONAL GENERATORS

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

**EF5200FW**

**5.2 kVA**

The EF5200FW boasts a powerful 12 hp engine outputting 5200 watts continuous, 2x 15 Amp outlets and a circuit breaker, 25-litre long range fuel tank that will run continuously for up to 9.7 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, DC Output, Petrol Petcock, Voltage Meter, Brushless Alternator.



ELECTRIC START

**EF6300iSE**

**6.3 kVA**

The most powerful and most advanced inverter generator ever, the EF6300iSE 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, DC Output Capability, Fuel Gauge, Voltage Meter, Petrol Petcock, Brushless Alternator, Electric Starter and Spark Arrestor.

**EF6600E**

**5.5 kVA**

The EF6600E 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, Brushless Alternator and Spark Arrestor.



ELECTRIC START

# SPECIFICATIONS



Introducing the Next Generation of small generators...



		4-STROKE PETROL INVERTERS							
		EF1000iS	EF2000iS	EF2400iS	EF2800i	EF3000iSE	EF5200FW	EF6300iSE	EF6600E
GENERATOR	Type	Inverter	Inverter	Inverter	Inverter	Inverter	Condenser	Inverter	Exciter with AVR
	Rated Voltage	230V	230V	230V	230V	230V	230V	230V	230V
	Frequency	50Hz	50Hz	50Hz	50Hz	50Hz	50Hz	50Hz	50Hz
	Rated Output	0.9kVA	1.6kVA	2kVA	2.5kVA	2.8kVA	4.5kVA	5.5kVA	5kVA
	Max. Output	1kVA	2kVA	2.4kVA	2.8kVA	3kVA	5.2kVA	6.3kVA	5.5kVA
	Rated Amperage	4.3Amps	7Amps	10.4Amps	12.2Amps	13Amps	19.2Amps	23.9Amps	20.8Amps
	DC Output	12V / 8Amps	12V / 8Amps	12V / 8Amps	None	12V / 12Amps	None	None	None
ENGINE	Engine Type	OHV MZ50 Air Cooled	OHV MZ80 Air Cooled	OHV MZ175 Air Cooled	OHV MZ175 Air Cooled	OHV MZ175 Air Cooled	OHV MZ360 Air Cooled	OHV MZ360 Air Cooled	OHV MZ360 Air Cooled
	Displacement	50cc	79cc	171cc	171cc	171cc	357cc	357cc	357cc
	Max. Output	1.6kW (2.2hp) @ 4000rpm	2.3kW (3.1hp) @ 4500rpm	4kW (5.5hp) @ 4000rpm	4kW (5.5hp) @ 4000rpm	4kW (5.5hp) @ 4000rpm	8.8kW (12hp) @ 3600rpm	6.6kW (9hp) @ 3400rpm	8.8kW (12hp) @ 4000rpm
	Starting System	Recoil	Recoil	Recoil	Recoil	Recoil / Electric	Recoil	Electric	Recoil / Electric
GENERAL	Size - LxWxH (mm)	450x240x380	490x280x445	527x419x459	487x395x555	680x445x555	670x510x527	780x616x692	894x520x510
	Dry Weight	12.7kg	20kg	32kg	29kg	67kg	79kg	91kg	88kg
	Fuel Tank Capacity	2.5L	4.4L	6L	11.2L	13L	25L	17L	25L
	Operating Hrs (1/4 Load)	12hr (Eco On)	10.5hr (Eco On)	9hr (Eco On)	17hr (Eco On)	20.5hr (Eco On)	9.7hr (Eco On)	12.6hr (Eco On)	9.3hr (Eco On)
	Noise Level (1/4 Load)	47dBA (7m)	51.5dBA (7m)	54dBA (7m)	60dBA (7m)	51dBA (7m)	70dBA (7m)	58dBA	72dBA (7m)
	Noise Level (Full Load)	57dBA (7m)	61dBA (7m)	59dBA (7m)	67dBA (7m)	57dBA (7m)	78dBA (7m)	65dBA	80dBA (7m)
FEATURES	Brushless Alternator	✓	✓	✓	✓	✓	✓	✓	✓
	Auto Decompressor	✓	✓	✓	✓	✓	✓	✓	✓
	Electric Starter	X	X	X	X	✓	X	✓	✓
	Circuit Breaker	Electronic	Electronic	Electronic	Electronic	Electronic	Non-Fused	Electronic	Non-Fused
	Fuel Level Gauge	X	✓	✓	✓	✓	✓	✓	✓
	Oil Level Warning	✓	✓	✓	✓	✓	✓	✓	✓
	Voltage Meter	X	X	X	X	X	✓	✓	✓
	Pilot Lamp	✓	✓	✓	✓	✓	X	✓	X
	Noise Block™	✓	✓	✓	✓	✓	✓	✓	✓
	Economy Idle Control	✓	✓	✓	✓	✓	✓	✓	✓
ACCESS.	TwinTech™ (Parallel Use)	X	✓	✓	X	X	X	X	X
	Transportation Kit	X	X	Optional	X	Standard w/ wheels	Optional	Standard w/ wheels	Optional: 2 w/kit
	Remote Starter Kit	X	X	X	X	Optional	X	Optional	Optional
	AC Plug	✓	✓	✓	✓	✓	✓	✓	✓
DC Charging Cord	✓	✓	✓	X	✓	X	X	X	

Available from:



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.

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# YAMAHA

YAMAHA MOTOR AUSTRALIA PTY LIMITED