

# GENERATORS



# GENERATOR FEATURES

Honda Generators constantly incorporate the type of innovations and cutting edge technology that no other manufacturer can match. When it comes to noise and emissions, Honda Generators are the quietest and cleanest on the market.

## HONDA 4-STROKE ENGINE

At the heart of every Honda Generator lies our Honda GX commercial grade engine. These 4-Stroke engines are recognised as the industry leader in providing reliable, quiet and fuel-efficient power. In fact, they run about 30% more fuel efficiently than comparable side-valve engines.



## RUGGED FRAME

All Honda Power Equipment Industrial generators are incased in a high quality steel frame designed to provide not only a tough outer protection layer that can handle the knocks on the worksite, but also enables them to be easily transported from job-to-job or out on the farm.

## REMOTE AND AUTO START

When your power goes out it's not usually a fine sunny afternoon. Power outages tend to be caused by adverse weather so being able to start your generator without going outside is a huge bonus. Another must is a generator that starts as soon as the power goes out. These are both excellent add-on features that are available on a selection of Honda Generators.

(Available on EU30is, EU70is and EG5500CXS)

## D-AVR (DIGITAL AUTO VOLTAGE REGULATOR)

The Honda EM10000 and EG Series of generators feature the D-AVR (Digital Auto Voltage Regulator). The D-AVR is designed to hold the voltage stability within a +/- 1% change during operation. The D-AVR adjustments are driven off the main winding, versus a sensor winding in conventional AVR systems. Additionally, the D-AVR is protected from overheating by a thermistor.

## LOW NOISE, LOW EMISSIONS

Honda's 4-stroke engine technology offers superior fuel economy using approximately half the fuel of its 2-stroke counterparts. Cleaner burning performance, low vibration and noise make it much healthier for the environment and the operator. Honda engines meet all international health emission regulations.

## 4-YEAR DOMESTIC WARRANTY

Honda products come with a 4-year domestic warranty\* and with regular servicing by a Honda authorised dealer and using only Genuine Honda Parts and Accessories, your Honda product will work hard for many years.

Honda has a comprehensive dealer network that covers all of New Zealand with highly trained technicians and knowledgeable sales staff to help you make the right choice first time.

\*Commercial warranties are between one and three years depending on the product. Please check with your Honda dealer at time of purchase.

## INVERTER TECHNOLOGY

Inverters produce the cleanest power of all. These units are ideal for sensitive electronics, such as computers. Inverter generators offer a number of other benefits, including less noise, lighter weight and greater fuel efficiency when compared with traditional models. Honda revolutionised the use of inverter technology in portable generators with our Super-Quiet EU series.



## PARALLEL FUNCTION

Need even more power? Parallel capability is an additional benefit of inverter technology. Using a special cable you can link two EU10i, two EU22i, two EU30 Handy, or two EU30is generators together to get as much as double the output. (Please note: you can only parallel two identical units together.)

## COMMERCIAL WARRANTY

If you are buying a premium product you expect a premium warranty – especially if your livelihood and business depends on that product. Honda Power Equipment products are the No.1 choice amongst contractors so we do our best to ensure the needs of commercial operators are met.

For more details on commercial warranties, speak to your local Honda dealer.

Honda is the world's No.1 choice for back up power. So no matter what you need to power, you can be confident Honda has the right generator for you.

### WHERE CAN YOU USE YOUR GENERATOR?

Anywhere you have a need for back up power you can take your generator. Whether you are camping, working on site or creating back up power for home; having a generator on hand when there is no power source is a necessity for every home or business.

### WHAT IS START UP POWER?

Start-up power is simply the power an appliance needs to begin operating. Appliances that run an electric motor (air conditioners, drills and sanders) can initially require 3-4 times the operating power when first switched on.

### THE POWER FACTOR

Many generator manufacturers quote a 'power factor' which can range from 0.8 to 1.0. Power factor is a measurement to calculate the usable power of a generator.

To work out the usable wattage of a generator, use the following formula:  $kVA \times 1000 \times \text{power factor} = \text{usable power (watts)}$

**At Honda, we quote a power factor of 1.0(pF), so you can be confident that a 3kVA generator produces 3000 watts.**

# GENERATOR USAGE GUIDE

Honda Generators provide the power you need when you need it. Use this chart to work out what generator is right for you.

1.

Identify the products and/or tools you intend to operate with your generator.

2.

Determine the power requirement for each product (allow for the starting load).

3.

Total up the wattage for the products which may be operated simultaneously.

4.

Choose a generator with a rated output of at least your total, plus around 10% contingency.

## GENERATOR USAGE GUIDE

		USAGE	WATTS	EU10i*	EU22i	EU30iH	EU30is	EU70is	EG5500CX/S	EM10000
PLAY	Caravan Air Cond.	900-1600			●	●	●	●	●	●
	Caravan Fridge	100-200	●	●	●	●	●	●	●	●
	Caravan Hot Water Heater	1500			●	●	●	●	●	●
BUSINESS	Cash Register	50-100	●	●	●	●	●	●	●	●
	Copier	1500+		●	●	●	●	●	●	●
	Laptop Computer	500	●	●	●	●	●	●	●	●
COMMERCIAL	1hp Engine	3000+			●	●	●	●	●	●
	9" Angle Grinder	1500-2500			●	●	●	●	●	●
	Power Saw	1500-2000		●	●	●	●	●	●	●
	Drill 3/8"	500-700	●	●	●	●	●	●	●	●
HOME	Light Bulb	60	●	●	●	●	●	●	●	●
	Hair Dryer	1000-1500		●	●	●	●	●	●	●
	Microwave	800-1700		●	●	●	●	●	●	●
	Kettle	1600-2100		●	●	●	●	●	●	●
	Toaster	900-1200		●	●	●	●	●	●	●
	TV	200	●	●	●	●	●	●	●	●
	Household Fridge	300-600	●	●	●	●	●	●	●	●

\*EU10i not recommended for commercial use.

## MAX WATTS

INVERTER GENERATORS	
EU10i	1000
EU22i	2200
EU30is	3000
EU30ik	3000
EU70	7000
FRAMED GENERATORS	
EG5500CX	5500
EG5500CXS	5500
EM10000	9000

## INVERTER GENERATORS

### EU10i

Featuring a microcomputer-controlled sinewave inverter that guarantees quality electricity, it's ideal for use with frequency-sensitive electronics such as laptops.

- 8 amp/12 volt DC, maximum 1000W/240 volt AC can run appliances and charge batteries simultaneously
- Powered by a Honda GXH50T Engine
- Up to 8 hours continuous operation on a full fuel tank @ 1/4 load\*
- Lightweight 13kg



### EU22i

Our newest generator, the EU22i, is 10% more powerful than its predecessor, remaining just as light and quiet as before.

- Maximum output of 2200W/240 volt AC and 8.3 amp DC can run appliances and charge batteries simultaneously
- Powered by a Honda GXR120 Engine
- Up to 8 hours continuous operation on a full fuel tank @ 1/4 load\*
- Delivers greater fuel efficiency via the built-in Eco-Throttle\*
- Parallel connection compatibility
- Lightweight 21kg



**NEW  
MODEL**



\*With Eco-Throttle switched on when rated at 1/4 output. Usage applications are recommendations only.

HONDA ADVANCED 4-STROKE TECHNOLOGY 7



## EU30is

Powered by a Honda GX200, the EU30is offers an excellent choice for domestic and commercial use.

- 12 amp/12 volt DC, maximum 3000W/240 volt AC can run appliances and charge batteries simultaneously
- Convenient electric start and recoil start back-up
- Offers up to 20 hours continuous operation on a full fuel tank @ 1/4 load\*
- Lightweight 59kg
- Wheel kit available



## EU30ik

The handy EU30ik is powered by a GX160 engine, so plenty of power in commercial settings.

- 8.3amp / 12 volt DC, maximum 3000W/240 Volt AC can run appliances and charge batteries simultaneously
- 'H' shaped fold down handle and large diameter wheels
- Offers up to 7.7 hours continuous operation on a full fuel tank @ 1/4 load\*
- Lightweight and portable 35kg



## EU70is

One of the most popular Inverter generators, the EU70is can tackle pretty much anything.

- Maximum 7000W/240 volt AC can run appliances and charge batteries simultaneously
- Offers up to 18hrs continuous operation on a full fuel tank @ 1/4 load\*
- EU70is incorporates electronic fuel injection
- Electric start and recoil start back-up
- Noise level 52dB(A) @ 1/4 throttle
- 19.2 litres fuel tank
- Dry weight 118.1kg
- 32 Amp plugs can be fitted
- Optional lifting hook available



\*With Eco-Throttle switched on when rated at 1/4 output. Usage applications are recommendations only.

## FRAMED GENERATORS

### EG5500CX/EG5500CXS

Robust and powerful, framed generators are ideal for commercial, rural and back-up emergency power use.

- 8.3 amp/12 volt DC, maximum AC output 5500VA
- Continuous Operating Hours 8.1 at 5KW
- GX390 Engine
- Large fuel tank capacity 24 Litres
- Reduced noise with large muffler 71dB(A) @ 7 metres
- Recoil or Electric Start
- Dry Weight 89kg



### EM10000

A heavyweight performer, the EM10000K1UH is designed for the demanding user requiring an off-grid power system or a small business where they cannot afford to be without power.

- 9000 watts, 240V
- Honda commercial GX engine & heavy duty frame
- V-Twin engine
- Electric start
- 240v 50Hz
- Wheel kit & lifting hanger hook options available



# SPECIFICATIONS

GENERATORS							
	EU10I	EU22I	EU30Ik	EU30Is	EU70Is	EG5500CX/CXS	EM10000
Engine	GXH50	GXR120	GX160	GX200	GX390	GX390	GX630
Fuel Tank Capacity	2.1 Litres	3.6 Litres	5.9 Litres	13 Litres	19.2 Litres	24 Litres	31 Litres
Continuous Operating Hours	8hr <sup>**</sup> / 4hr	8hr <sup>**</sup> / 4hr	7.7hr <sup>**</sup> / 3.5hr	20hr <sup>**</sup> / 7.1hr	12.2hr <sup>**</sup> / 6.5hr	8.1hr	6.5hr
Operating Noise Level (at 7m)	52dB(A) <sup>**</sup> / 58dB(A)	53dB(A) <sup>**</sup> / 59dB(A)	57dB(A) <sup>**</sup> / 65dB(A)	52dB(A) <sup>**</sup> / 65dB(A)	52dB(A)		99.3dB
Sound Power Level @ 7 metres						71dB	99dB
Max. AC Output (power factor 1.0)	1000VA	2200VA	3000VA	3000VA	7000VA	5500VA	9000VA
Rated AC Output	900VA	1800VA	2600VA	2800VA	5500VA	5000VA	8000VA
DC Rated Output for charging <sup>^</sup>	8A	8.3A	8.3A	12A		8.3A	
Dimensions LxWxH (mm)	450x240x380	511x290x425	622x379x489	655x455x555	848x700x721	CX 681x530x571 CXS 844x530x571	973x552x639
Dry Weight	13kg	21kg	35kg	59kg	118kg	89kg	162kg
Electric Starter				✓	✓	(Battery not included CXS)	✓
Voltage Regulation	Inverter	Inverter	Inverter	Inverter	Inverter	D-AVR#	D-AVR#
Voltmeter					✓		✓
AC Circuit Protector	✓	✓	✓	✓	✓	✓	✓
DC Circuit Protector	✓	✓	✓	✓		✓	✓
Pilot Lamp	✓	✓	✓	✓	✓		
Fuel Gauge				✓	✓	✓	✓
Oil Alert	✓	✓	✓	✓	✓	✓	✓
Auto Throttle	Eco-Throttle	Eco-Throttle	Eco-Throttle	Eco-Throttle	Eco-Throttle		
Auto Choke					✓		
Large Capacity Air Cleaner	✓	✓	✓	✓	✓	✓	✓
Large Capacity Fuel Tank	✓	✓	✓	✓	✓	✓	✓
Large Capacity Muffler	✓	✓	✓	✓	✓	✓	

<sup>\*\*</sup>With Eco-Throttle switched on when rated at 1/4 output. Usage applications are recommendations only. #D-AVR: Digital Auto Voltage Regulator.

<sup>\*\*</sup>LwA refers to sound power level and is measured at rated load. This figure can only be compared to other LwA models. <sup>^</sup>Automotive Batteries only.