

50
YEARS IN AUSTRALIA
HONDA



HONDA GENERATOR RANGE **2019**

CHOOSING THE RIGHT GENERATOR

Honda Generators are renowned throughout Australia, and all around the world for being the top choice for back-up power solutions. So no matter what you need to power, you can be confident Honda has the right generator for you.

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.

Features include overhead valves for smooth, consistent power and cast iron cylinder sleeves (excl. EU10i) for commercial grade quality and durability. Many offer a dual element air cleaner for increased engine life. All Honda Generators are equipped with Oil Alert,[®] which protects the engine by shutting it down if the oil reaches a low level.



GENERAL USE WATT CALCULATOR

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 THAT MAY BE POTENTIALLY OPERATED SIMULTANEOUSLY

4. CHOOSE A GENERATOR WITH A RATED OUTPUT OF AT LEAST YOUR TOTAL, PLUS AROUND 10% CONTINGENCY

USAGE	WATTS REQUIRED [^]	MY ESTIMATE
HOME		
☐ Standard LED Globe	6-10	
☐ Hair Dryer	1000-1500	
☐ Microwave	1000+	
☐ Kettle	1600-2000	
☐ Toaster	180-1200	
☐ TV	200	
☐ Household Fridge	300-600	
LEISURE		
☐ Caravan Air Conditioner	900-1600	
☐ Caravan Fridge	100-200	
☐ Caravan Hot Water Heater	1500	
BUSINESS		
☐ Cash Register	50-100	
☐ Copier	1500+	
☐ Laptop Computer	500	
COMMERCIAL		
☐ 140amp AC Welder	5000	
☐ 1hp Motor	3000+	
☐ 9" Angle Grinder	1500-2500	
☐ Power Saw	1500-2000	
☐ Drill 3/8"	500-700	
TOTAL WATTS REQUIRED		

GENERATOR	MAX WATTS
SUPER QUIET SERIES	
EU10i	1000
EU22i	2200
EU30iu Handy	3000
EU30is	3000
EU70is	7000
INDUSTRIAL GENERATORS	
EM30	3000
EM10000	9000
EP2200	2200

DIFFERENCE IN TECHNOLOGIES



VOLTAGE REGULATION

Voltage regulation controls the power output of the generator. Consistent power is extremely important as fluctuations in power can cause equipment to shut down or even damage the appliance. The following information will help you understand the difference in technologies between each of the models found in this brochure.

AUTO VOLTAGE REGULATOR

AVR

The Honda EP2200CX features an Automatic Voltage Regulator, or AVR, designed to consistently control voltage. The AVR keeps the output voltage more constant, regardless of the load. This means no spikes or brownouts.

CYCLO-CONVERTER®

CC

Honda's patented Cyclo-Converter® technology allows you to get cleaner power with less weight. The Cyclo-Converter® offers the benefits of an AVR-type generator at a lower size and weight. Only found on the Honda EM30.

INVERTER



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, lower 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.

Brownout – a brownout is a large drop in voltage in an electrical power supply.

Blackout – a blackout is a complete loss of voltage in an electrical power supply.

DIGITAL AUTO VOLTAGE REGULATOR (D-AVR)

D-AVR

The Honda EM10000 generator features 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.



CARAVANNING & CAMPING

3-STEP PROCESS TO ENSURE YOU GET THE RIGHT GENERATOR

1. WHAT DO YOU WANT TO POWER?

Whether you have a small caravan or something a little more substantial, knowing your appliance ratings is going to help you in the long run. Write a list of all the appliances you want to have running at one time. Then find out the ratings of each appliance. You need to take into account start-up power.

2. FACTOR IN START-UP POWER

Start-up power is simply the power an appliance needs to begin operating. Appliances that run an electric motor (air conditioners and water pumps) can require 3 times the operating load but this is usually only needed for a very short period. Check the compliance plate on the unit for specifications.

3. PICK THE GENERATOR THAT SUITS YOUR NEEDS

If you look at your list, there's a high chance you're not going to need everything running at once. A kettle draws a lot of power but only runs for a minute or so, it won't hurt to turn off some appliances while the kettle boils. Just make sure you have the essentials covered. Let's say your total running power requirement is 1500W, with a start-up power requirement of 1900W, then the Honda EU22i Generator will be the right fit.

If you are unsure, consult your Authorised Honda Dealer.





AIR CONDITIONING UNITS FOR CARAVANS

If your caravan has an air conditioner then you need to make sure your generator can handle the power required for different situations. If you are in warmer climates trying to make your caravan cooler, then your air conditioning system is going to work harder, and therefore require more watts. Check with your manufacturer what the maximum operating load that the air conditioner will require and pick a generator that will suit.

CAMPING WATT CALCULATOR	
APPLIANCE	WATTS REQUIRED [^]
☐ Caravan Air Conditioner	900-1600
☐ Caravan Fridge	100-200
☐ Laptop Computer	500
☐ Hair Dryer	1000-1500
☐ Kettle	1600-2000
☐ Microwave	1560+
☐ Television	200
☐ Smart Phone Charger	5-20
☐ Radio/Smart Phone Dock	50-60
☐	
☐	
☐	
☐	
☐	
☐	
TOTAL WATTS REQUIRED	

[^]All appliance ratings are estimates only.
[^]With Eco-Throttle switched on when rated at 1/4 output.
Usage applications are recommendations only.

SUPER QUIET GENERATORS



EU22i



4 Year
Warranty



2200W
Max Output



Inverter
Technology



8 Operating
Hours*



Contractor
Quality

\$2099
RRP 4-STROKE

- Greater fuel efficiency via Built-in Eco-Throttle
- Better than commercial quality electricity

- Lightweight design (21kg)
- Reliable 4-stroke GXR120 engine

EU22iTU

1 IMPROVED OIL ACCESS

Increased diameter of oil filler for improved draining and catching of oil.

2 NEW RECOIL ROPE GUARD

Improved recoil starter handle with new metal guard.

3 RUN DRY SWITCH

The run dry switch turns the fuel tap off whilst allowing the unit to keep running until the carburettor is out of fuel. This allows for better long term storage (6-12 months) where traditionally the fuel in the carburettor would go off and need servicing.

4 2200 WATTS OF POWER

Maximum output of 2200W/240 volt AC and 8.3 amp DC to run appliances and charge automotive batteries simultaneously.

SUPER QUIET GENERATORS



ONLY
13KG

4 Year
Warranty* 1000W
Max Output Inverter
Technology

8 Operating
Hours* Contractor
Quality

EU10i

4-STROKE
RRP **\$1499**

- Greater fuel efficiency via Built-in Eco-Throttle
- Engine protected by low oil alert system
- Our lightest inverter generator

EU10i1U



4 Year
Warranty* 3000W
Max Output Inverter
Technology

7.7 Operating
Hours* Contractor
Quality

EU30i HANDY

4-STROKE
RRP **\$3399**

- Greater fuel efficiency via Built-in Eco-Throttle
- Engine protected by low oil alert system
- New high speed multi-point alternator is integrated into the engine to reduce size and weight

EU30i1U



4 Year
Warranty* 3000W
Max Output Inverter
Technology

20 Operating
Hours* Contractor
Quality

EU30is ELECTRIC START

4-STROKE
RRP **\$4239**

- Greater fuel efficiency via Built-in Eco-Throttle
- Engine protected by low oil alert system
- Hassle-free key start

EU30is1U

GENERATOR MAT

- Designed to fit the EU10i, EU22i and EU30i Handy.
- Protects your generator from sucking up dust or sand while providing a stable non-slip platform.

Part no: L08GNMAT01 RRP **\$54.79**



PROTECTIVE COVERS

Protect your investment.

Part no: L08GC001R10 (EU10i) RRP **\$95.69**

Part no: L08GC001R20 (EU22i) RRP **\$102.10**

Part no: L08GC001R30 (EU30is) RRP **\$114.83**

Part no: L08GC002R30 (EU30i) RRP **\$125.86**



HONDA SECURITY CABLE

1500 x 10 mm diameter cable, providing increasing cutting resistance with a protective polyurethane coat. This security cable is a great way of protecting your investment.

Part no: L210820 RRP **\$24.01**



THEFT DETERRENT BRACKET

Custom made, powder coated steel bracket with tamper-proof bolts to deter thieves.

Part no: 63230Z07010L RRP **\$52.69**



PARALLEL LINK-UP KIT

Link up two generators for double the power output. Only same models can be linked.

Part no: EU10i & EU22i 32360ZC3000L
RRP **\$108.46**

Max: 15 amp output



SUPER QUIET GENERATORS



EU70is



4 Year
Warranty*



7000W
Max Output



Inverter
Technology



18 Operating
Hours*



Contractor
Quality

\$6669
RRP ^{4-STROKE}

The Honda EU70is is the biggest EU series generator available. Boasting a massive 7000 watt maximum output, the EU70is is the perfect solution for all large caravans, food and coffee vans, parties and more. Featuring Honda's Pure Sine-Wave Inverter technology for smooth, high quality power flow, the EU70is safely provides power for frequency and voltage fluctuation-sensitive equipment, such as laptop computers and communications equipment, while being ideal for home back-up power.

EU70iSUT4

Lifting kit: 06531Z11E00ZA

Wired remote control cable:
10m – 32380Z37800ZA
30m – 32380Z37820ZA

1 FUEL INJECTION

The advanced Electronic Fuel Injection System allows the unit to run up to 18° hours continuously depending on load capacity, while minimising the need for maintenance.

3 I-MONITOR™

Provides information on hours of operation, wattage and engine speed, as well as diagnostics for convenient dealer servicing.

5 PUSH BUTTON START

Hassle-free Push Button Electric Start makes starting the unit a simple push of a button.

2 OIL ALERT

Peace of mind with Honda is an Oil Alert system that shuts off the engine when low oil is detected.

4 ECO-THROTTLE

Automatically adjusts the engine speed, increasing fuel efficiency and performance.

6 ULTRA QUIET MUFFLER

Triple chamber low tone muffler ensures whisper quiet operation.

INDUSTRIAL GENERATORS



Honda industrial generators are all powered by a GX commercial grade engine, have regulated power outputs and are usually similar spec to generators that claim a slightly higher output. Honda's industrial generators have earned an outstanding reputation in the construction and rental industries for their incredibly rugged reliability.

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.



TIP

If you are comparing a Honda Generator with another brand's generator that has a power factor of 0.8, then you need to remember that the competitor generator will only produce 80% of the rated max power, whereas the Honda will produce 100% (1.0) of the rated max power.

COMPETITOR CHECKLIST

FEATURE	HONDA	COMPETITOR	EXTRA \$\$\$
Power Factor	1.0		\$
Voltage Regulator	Standard		\$
Extra Quiet Muffler	Standard		\$
Long Range Fuel Tank	Standard		\$
Circuit Breakers	Standard		\$
4 Year Domestic* Warranty	Standard		\$
Rubber Anti-Vibration Mounts	4 Rubber Mounts		\$
12 Volt Battery Charge	Standard		\$
Fuel	4-Stroke Unleaded		\$
Electric Start	Optional/Standard		\$
Total Price	\$	\$	\$

INDUSTRIAL GENERATORS



ONLY
31kg

- Cyclo-Converter®
- 4 Year Warranty*
- 3000W Max Output
- 6 Operating Hours
- Contractor Quality



HONDA CYCLO- CONVERTER TECHNOLOGY

This is found on the EM30 model only.

Honda's Cyclo-Converter Generator model offers power that is equal in quality to AVR (Automatic Voltage Regulator) generators but is dramatically lighter than other units producing the same amount of power. This lighter weight is achieved by reducing the number of traditional parts with a CPU (Central Processing Unit) that conditions the raw power produced by the generator and eliminates the need for a bulky alternator. Honda Cyclo-Converter Technology offers the best power-to-weight ratio available anywhere.

EM30

- Engine protected by low oil alert system

- High quality electricity is generated via the built in Cyclo-converter

4-STROKE
\$1999
RRP

EM30K3U



- Digital Auto Voltage Regulator
- 4 Year Warranty*
- 9000W Max Output
- 6.5 Operating Hours
- Contractor Quality

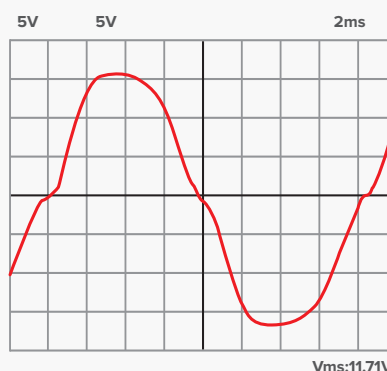
EM10000

- Engine protected by low oil alert system
- Self diagnosis with 'i-Monitor' feature that protects your investment
- Strengthened electric performance with D-AVR (digital auto voltage regulator)

- Enhanced product competitiveness with V-Twin engine that offers more fuel economy and less noise
- 3 x 15 amp 240 volt outlets, 1 x 32 amp 240 volt outlet

4-STROKE
\$6099
RRP

EM10000K1UH



INDUSTRIAL GENERATORS



EP2200CX



Auto Voltage
Regulator



4 Year
Warranty*



2200W
Max Output



12.8 Operating
Hours*



Contractor
Quality

\$1099
RRP ^{4-STROKE}

- Stable power source via Honda's Automatic Voltage Regulator (AVR system)
- Extended operating time with large capacity 14.5 litre fuel tank featuring a fuel gauge

- Easy-to-use control panel featuring 15 amp sockets, 8.3 amp battery charger and circuit breaker

EP2200CXUH

SPECIFICATION CHARTS



SUPER QUIET GENERATORS

MODEL	EU10i	EU22i	EU30iu Handy	EU30is	EU70is
Full Model Code	EU10i1U	EU22i1U	EU30iK1U	EU30iS1U	EU70iSUT
Engine	GXH50T	GXR120	GX160K1	GX200	GX390
Fuel Tank Capacity	2.1 Litres	3.6 Litres	5.9 Litres	13 Litres	19.2 Litres
Continuous Operating Hours	8hr [†] /4hr	8hr [†] /4hr	7.7hr [†] /3.5hr	20hr [†] /7.1hr	18hr [†] /6.5hr
dB Sound Pressure (at 7m) ^{††}	52dB(A) ^{††} /58dB(A) ^{††}	•	57dB(A) ^{††} /65dB(A) ^{††}	52dB(A) ^{††} /65dB(A) ^{††}	•
LwA Sound Power (at 4m) ^{**}	•	LwA 91dB(A) ^{**}	•	•	LwA 90dB(A) ^{**}
GENERATOR					
Max. AC Output (power factor 1.0)	1000VA	2200VA	3000VA	3000VA	7000VA
Rated AC Output	900VA	1800VA	2600VA	2800VA	5500VA
DC Rated Output for Charging Automotive Batteries Only	8A	8.3A	8.3A	12A	N/A
DIMENSIONS					
LxWxH (mm)	451 x 242 x 379	511 x 290 x 425	622 x 379 x 489	658 x 447 x 558	848 x 700 x 721
Dry Weight	13kg	21kg	35.2kg	59kg (w/battery)	118kg (w/battery)
FEATURES					
Electric Starter	No	No	No	Yes	Yes
Voltage Regulation	Inverter	Inverter	Inverter	Inverter	Inverter
Voltmeter	No	No	No	No	Yes
AC Circuit Protector	Yes	Yes	Yes	Yes	Yes
DC Circuit Protector	Yes	Yes	Yes	Yes	No
Pilot Lamp	Yes	Yes	Yes	Yes	Yes
Fuel Gauge	No	No	No	Yes	Yes
Oil Alert	Yes	Yes	Yes	Yes	Yes
Auto Throttle	Eco-Throttle	Eco-Throttle	Eco-Throttle	Eco-Throttle	Eco-Throttle
Auto Choke	No	No	No	No	Fuel Injected
Large Capacity Air Cleaner	Yes	Yes	Yes	Yes	Yes
Large Capacity Fuel Tank	Yes	Yes	Yes	Yes	Yes
Large Capacity Muffler	Yes	Yes	Yes	Yes	Yes
4 Year Domestic Warranty*	Yes	Yes	Yes	Yes	Yes

INDUSTRIAL GENERATORS

MODEL	EM30	EP2200CX	EM10000
Full Model Code	EM30K3U	EP2200CXUH	EM10000K1UH
Engine	GX200	GX160	GX630
Fuel Tank Capacity	10.2 Litres	14.5 Litres	31 Litres
Continuous Operating Hours	6hr	12.8hr	6.5hr
dB Sound Pressure (at 7m) ^{††}	68dB(A) ^{††}	66dB(A) ^{††}	•
LwA Sound Power (at 4m) ^{**}	•	•	LwA 99.3dB(A) ^{**}
GENERATOR			
Max. AC Output (power factor 1.0)	3000VA	2200VA	9000VA
Rated AC Output	2600VA	2000VA	8000VA
DC Rated Output for Charging Automotive Batteries Only	12A	8.3A	N/A
DIMENSIONS			
LxWxH (mm)	440 x 400 x 480	597 x 435 x 437	973 x 552 x 965
Dry Weight	31kg	45kg	162kg
FEATURES			
Electric Starter	No	No	Yes
Voltage Regulation	Cyclo-Converter	AVR	D-AVR [†]
Voltmeter	No	No	i-Monitor
AC Circuit Protector	Yes	Yes	Yes
DC Circuit Protector	Yes	Yes	No
Pilot Lamp	Yes	No	i-Monitor
Fuel Gauge	Yes	Yes	Yes
Oil Alert	Yes	Yes	Yes
Auto Throttle	N/A	N/A	N/A
Auto Choke	No	No	No
Large Capacity Air Cleaner	Yes	Yes	Yes
Large Capacity Fuel Tank	Yes	Yes	Yes
Large Capacity Muffler	Yes	Yes	Yes
4 Year Domestic Warranty*	Yes	Yes	Yes

[†]OPERATING NOISE LEVEL CALCULATION

^{**}LwA refers to sound power level and is measured at rated load, which is standardised by EU noise regulation. It is measured from 6 directions by a microphone placed 4 metres from the product in a closed anechoic room.

This room is not affected by environmental conditions.

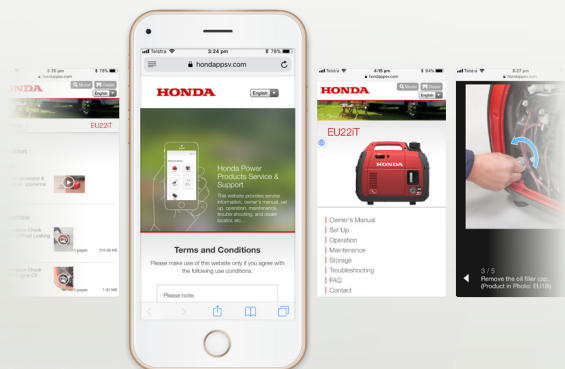
^{††}dB refers to sound pressure level and is measured from 4 directions (front, back, right and left) by a microphone that is placed 7 metres from the product and 1.5 metres from the lawn ground.

It is not measured in a closed room. Therefore, the data is affected by environmental conditions such as temperature.

*4 Year warranty applies to domestic use and does not apply to engines sold as separate units.

[†]With Eco-Throttle switched on when rated at 1/4 output. Usage applications are recommendations only. [†]D-AVR: Digital Auto Voltage Regulator.

Honda Power Products Service and Support



Get service information for your power products, setup, operation, maintenance and more. Best of all, it's absolutely free.

**Scan the QR code or visit
www.hppsv.com/AUS**



BUYER BEWARE!

Honda has always been a market leader in producing quality, innovative and environmentally friendly products. Unfortunately, there are unscrupulous Australian retailers and individuals who want to take advantage of the Honda brand. Some of these retailers and individuals are knowingly importing Honda-branded products that aren't designed for Australian consumers or Australian conditions. These products are often sold without after sales support and warranties that only a genuine Honda product can offer.

ASK YOUR AUTHORISED HONDA DEALER WHAT TO LOOK OUT FOR.



**All products
purchased from an
Authorised Honda
Dealer are fully
assembled and
ready to go.**

AUTHORISED HONDA DEALERS

400+ National Dealer Network – providing the best advice and after sales service that is only available through specialist service dealers.



Disclaimer: All prices listed include GST and are recommended retail prices only, there is no obligation to comply with the recommendation. Not all products listed in the brochure are available from every Authorised Power Equipment Dealership. Honda MPE reserves the right to change specifications and price at any time. *4 Year warranty applies to domestic use and does not apply to engines sold as separate units. For full Terms and Conditions, go to: powerequipment.honda.com.au or visit an authorised Honda Power Equipment Dealership.

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