



# HOW TO CHOOSE YOUR GENERATOR

To determine which Honda generator is best suited to your application, we've compiled a quick reference guide to typical applications below. This gives typically the lowest power requirement, however many applications will require more power. Please check the individual appliance data plate for actual power specifications and to ensure generator compatibility. Talk to your local Honda Authorised Dealer who will be happy to help.

			PORTABLE				ENDURANCE				
			CYCLO CONVERTER	INVERTER			CONDENSER/INDUCTIVE				
Continuous Power (W)			600	900	1600	2600	1700	2500	3400	4500	
Guaranteed Sound Power Level dB(A)			83	87	89	92	95	96	97	97	
Typical Applications*		Application Continuous Rating (W)**	Indicative Start-up Load (W)**	<b>EX 7</b>	<b>EU 10i</b>	<b>EU 20i</b>	<b>EU 30i</b>	<b>EC 2000</b>	<b>ECM 2800</b>	<b>EC 3600</b>	<b>EC 5000</b>
CAMPING - CARAVANNING LEISURE	Portable TV	250									
	Portable Fridge	110+	300+								
	Travel Kettle	650+									
	Hair Dryer	1000+									
	Portable Microwave	600+	1600+								
	Portable Fan	40+	100+								
	Laptop/PC	20+	100+								
	Portable Heater	1500+									
	Caravan Air Conditioner	2600+									
	Battery Charging	100+									
GARDEN	Lawnmower	1100+	2500+								
	Strimmer	350+	1000+								
	Hedge trimmer	500+	1200+								
	Shredder	2000+	2600+								
	Garden Vac/Blower	2000+	2600+								
	Chain saw	1800+	2600+								
Pressure Washer	2100+	3000+									
HOME / OFFICE BACK-UP	Fridge / Freezer	500+	1500+								
	Central Heating Pump	300+	500+								
	Plasma TV	300+	900+								
	Desktop Computer	320+	700+								
	Computer Printer	150+									
	Photocopier Machine	1600+	1800+								
PROFESSIONAL	Portable Air Conditioner	3000+	5000+								
	Jigsaw	400+	1100+								
	Compressor	2000+	6000+								
	Welder	3500+	5500+								
	Concrete Mixer	850+	2975+								
	Submersible Pump	500+									
	Hammer Drill	800+									
	Table Saw	1500+	3000+								
	Angle Grinder	900+									
	Industrial Fan/Blower	2000+									
LIGHTING	Concrete Breaker	850+	2500+								
	Circular Saw	1500+									
	Candescent	25+									
	Halogen Spotlights Domestic	75+									
	Fluorescent	8-100									
	Energy Saving Bulb	12-33									
	Professional Tungsten	100+									

\*When powering multiple applications ensure that the total power required does not exceed the generators rated output (please consider both running loads and start up loads).

## GENERATORS EQUIPPED WITH ELECTRIC

For home/office back up special consideration should be made when selecting a generator. Generators equipped with both electric start and auto choke are required for fully automatic mains failure systems. Other generators will require the operator to visit the generator to start/stop the unit. In both cases please only use qualified electricians for installation.

### ENDURANCE 3 PHASE

3 Phase generators offer superior capacity for peak current during the starting of electric motors.

## SOUND LEVEL

Honda generators provide one of the quietest sources of portable power available. The chart below compares the noise level of Honda generators to a variety of common sounds we're exposed to every day.

<b>60</b> Normal speech	<b>90</b> Hair dryer
<b>70</b> Vacuum Cleaner	<b>100</b> Heavy traffic
<b>80</b> Inside a car at 50mph	<b>110</b> Chain saw

ENDURANCE 3 PHASE			MANOEVRABLE HIGH TECH					ENDURANCE HI-PERFORMANCE			ENDURANCE HI-TECH		
CONDENSER/INDUCTIVE		AVR	INVERTER					D-AVR			CYCLO CONVERTER	i-AVR	
3600/6500	3600/6500	3600/6500	2400	2800	4500	5500	5500	3200	4000	5000	2600	4000	5000
<b>ECT 7000</b>	<b>ECMT 7000</b>	<b>ECT 7000P</b>	<b>EU 26i</b>	<b>EU 30is</b>	<b>EM 50is</b>	<b>EM 65is</b>	<b>EU 65is</b>	<b>EG 3600CL</b>	<b>EG 4500CL</b>	<b>EG 5500CL</b>	<b>EM 30</b>	<b>EM 4500CX6</b>	<b>EM 5500CX6</b>

\*\*Typically the lowest power requirement, however many applications will require more power. Please check with your specific application to ensure generator compatibility.

## QUALITY OF POWER OUTPUT

Whatever load you are plugging in, a high quality electricity output will enhance the life time of your application. Reactive loads will require very high quality electricity for better performance. Electronic loads could even fail if the electricity quality is not high enough.

To achieve high quality electricity output, you need good regulation of voltage and power.

There are several different technology types available to regulate the voltage and power on a generator, each with different advantages:



CONDENSER



INDUCTIVE

### CONDENSER / INDUCTIVE

Condenser or inductive generators are the most popular in the industry. The simplicity of technology makes these generators cost effective and reliable. Ideally suited for applications with resistive loads.



AVR

### AVR

Many Honda generators feature an Automatic Voltage Regulator, or AVR, designed to consistently control voltage. Power regulation is electronically controlled, which allows for better voltage and frequency stability. The AVR helps keep the output voltage more constant and less dependent on the load. This means less drop in power or power spikes. AVR technology significantly enhances the performance and operating lifetime of reactive load applications.



DIGITAL AVR

### DIGITAL AVR

Digital Automatic Voltage Regulator (D-AVR) has a significant advantage over the traditional AVR, giving a smoother and more efficient output. This new output technology has several application benefits over AVR, such as minimising flickering lights.



i-AVR

### INTELLIGENT AUTO VOLTAGE REGULATOR (i-AVR)

By combining Honda's D-AVR with engines equipped with i-Governor (Electronic Governor), Honda has produced a range of generators offering class leading output performance with stable voltage and frequency. Ideal for construction, hospitality, emergency services, home back up and sensitive applications.



CYCLO CONVERTER

### CYCLO CONVERTER

Honda's patented Cyclo Converter technology is based on Inverter technology, but uses a simplified electronic voltage control system. Cyclo Converter generators are compact and lightweight, giving higher quality electricity than AVR generators, as the electricity output is not directly linked to the engine rpm. These generators are ideal for both industrial and leisure applications.



INVERTER

### INVERTER

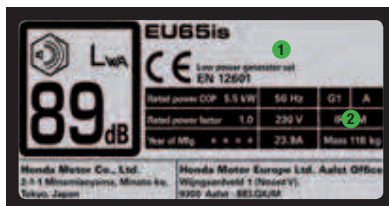
Inverter generators, pioneered by Honda back in 1987, give high quality clean power and are not rpm dependent. The cutting-edge technology allows for an exceptionally compact product, with an alternator almost half the size of more traditional generators. Ideal for powering highly sensitive electronic equipment, such as computers. Inverters provide optimised electricity for reactive loads and electronic loads, ensuring the best application performance and product longevity. Inverter generators offer a number of other benefits, including less noise, lower weight, and greater fuel efficiency when compared to traditional models.

## NEW EN12601 COMPLIANT GENERATOR NAME PLATES NOW INCLUDE TWO NEW PIECES OF INFORMATION:

1 Low power generator set – now applies to all generators producing up to 10kW.

2 A or B added, this stands for the generator quality grade which is explained below.

In simple terms if on a generator nameplate the Rated power is stated as 4.0kW then under the stated test conditions this generator should continuously produce 3.8kW or more to be "A" (within 5% of the stated rated power), if this generator produces under stated test conditions less than 3.8kW it will be "B"(within 10% of the stated rated power).



## FUEL EFFICIENCY AND RUN-TIME

Ideally, you should look for a generator that not only offers performance and reliability, but is also fuel efficient and has a long run-time. Honda generators offer several features that meet these needs.

Honda Inverter generators feature our exclusive Eco-Throttle™, which automatically adjusts the engine speed to match the power needed. This allows for maximum fuel efficiency.

Our EU generators are so fuel efficient they boast incredibly long run times - as much as 20 hours on a single tank of fuel. Through continued research and development, coupled with Honda's superior technology, our generators produce the best fuel consumption figures on the market.

## HONDA FEATURES AND TECHNOLOGIES

Honda generators have many innovative features and technologies, to maximise performance whatever the environment and application. The following symbols have been carefully considered to help you choose the right generator for your needs. Look for these symbols on the model pages.



### OIL ALERT™

Prevents engine damage by automatically shutting the unit down if the oil drops below a safe operating level.



### EXTENDED RUN TIME

Model features a larger fuel tank for longer continuous operation.



### DC OUTPUT

Provides up to 12A for battery charging (optional cable required).



### TRANSPORT WHEELS

Smooth and stable wheel attachments allow a single user to easily manoeuvre the unit.



### LIGHTWEIGHT

For superb portability in any situation, with easy transportation and storage.



### LOW-NOISE DESIGN

Noise-reducing muffler to lower operational noise.



### SUPER-QUIET

Noise-reducing casing and acoustic panelling to greatly reduce operational noise.



### ELECTRIC START

Key operated electric start for effortless operation.



### i-MONITOR

Monitors output performance as well as self-diagnostics and servicing information.



### ECO-THROTTLE™

Automatically adjusts the engine speed to precisely match the load, to save fuel, extend engine life and give quieter operation.



### AUTO THROTTLE

Automatically reduces the engine speed when appliances are turned off or disconnected. Engine returns to rated speed when appliances are turned on or reconnected.



### ENHANCED ANTI-VIBRATION SYSTEM

Our 45° inclined rubber engine mounts give superior vibration damping compared to industry-standard straight rubber mounts.



### HIGH DUST AND WATER PROTECTION

Model features a high level of dust and water protection (IP54 category compared to the standard IP23 category).



### MULTI-PHASE POWER OUTPUT

Variable power output options for single-phase or three-phase applications.



### PARALLEL OPERATION

Parallel operation capability is an additional benefit of inverter technology. Using Honda Genuine Parallel operation cables, you can link two EU10i, two EU20i, two EU30i, two EU30is, or two EU26i generators together to get as much as double the output of a single unit.

This gives you extra power when you need it, without having to trade up to a larger, heavier generator. Note: you can only parallel link two identical units together.



## PORTABLE GENERATORS

Compact, lightweight and ultra-quiet, our handy portable range provides super-clean power in the remotest of locations. These highly portable and fuel efficient generators have acoustically insulated casings and also an advanced exhaust muffler system, to reduce operational noise to a comfortable level. Weight is kept to a minimum by using ultra-lightweight materials such as magnesium.

The unique Inverter technology found on our EU models produces the high quality output required by sensitive electronic equipment, such as computers, and reduces the risk of crashes or electrical damage. All our EU portable models also feature EcoThrottle™, which automatically adjusts the engine speed in line with the load being drawn, giving incredible fuel economy. Additionally, two of the same EU models can be linked together using a parallel cable. This doubles the output over a single unit, meaning the range of uses can be extended even further.



### PORTABLE GENERATORS POPULAR USES

- Camping
- Caravanning
- Garden use
- Portable power tools
- Lighting
- Home appliances
- Boating



**EX 7**



**EU 10i**



**EU 20i**



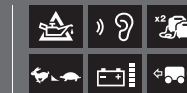
**EU 30i**



For feature and technology symbol glossary see page 10

For full generator model specifications see page 21

<b>Max output</b>	<b>700W</b>
Rated output	600W
Fuel tank capacity	2.1L
Operating time at rated load	4h30
Dimensions (mm)	L 451 x W 242 x H 379
Dry weight	12kg
Sound power level (2000/14/EC, 2005/88/EC)	83dB(A)
Power output	Cyclo Converter
Socket output	1 x 13A 230V



<b>1000W</b>
900W
2.1L
3h30
L 451 x W 242 x H 379
13kg
87dB(A)
Inverter
1 x 13A 230V

<b>2000W</b>
1600W
3.6L
3h50
L 512 x W 290 x H 425
20.7kg
89dB(A)
Inverter
2 x 13A 230V

<b>3000W</b>
2600W
5.9L
3h50
L 622 x W 379 x H 489
35.2kg
92dB(A)
Inverter
1 x 16A 230V

## MANOEVRABLE HIGH-TECH GENERATORS

Constant technology evolution and development means Honda generators are more than capable of powering an increasingly mobile and electric-powered world. Using lightweight and compact Inverter technology, our high-tech EU and EM generators deliver high-power output in a transportable unit. With reliable power for heavy-duty and professional use, the high quality electric supply is on a par with the national grid – essential for the latest and most sensitive electronic products.

Our high-tech EU and EM models use EcoThrottle™ to give low fuel consumption and extended run time. The EU range is also designed with acoustic sensitivity in mind, with low vibration, reduced engine noise, an advanced exhaust muffler system and sound insulating casings.

### MANOEVRABLE HIGH-TECH GENERATORS POPULAR USES

- Home/office back-up
- Sensitive professional lighting
- Computers
- Sensitive industrial equipment
- Air conditioning
- Hospitality units



**EU 26i**

**EU 30is**

**EM 50is\***

**EM 65is**

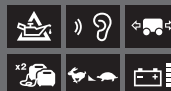
**EU 65is**

For feature and technology symbol glossary see page 10  
For full generator model specifications see page 23

**Max output**

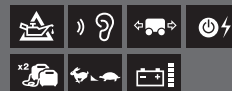
Rated output  
Fuel tank capacity  
Operating time at rated load  
Dimensions (mm)

Dry weight  
Sound power level (2000/14/EC, 2005/88/EC)  
Power output  
Socket output



**2600W**  
2400W  
13.3L  
8h30  
L 658 x W 482 x H 570

55.9kg  
90dB(A)  
Inverter  
2 x 16A 230V



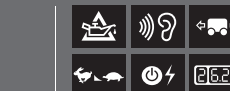
**3000W**  
2800W  
13L  
8h  
L 658 x W 482 x H 570

61.2kg  
91dB(A)  
Inverter  
2 x 16A 230V



**5000W**  
4500W  
16.5L  
5h40  
L Handle down: 810  
L Handle up: 1,155 W: 666 x H:692  
101.7kg  
96dB(A)

Inverter  
16A 230V



**6500W**  
5500W  
16.5L  
5h15  
L Handle down: 810  
L Handle up: 1,155 W: 666 x H:692  
101.7kg  
97dB(A)

Inverter  
2 x 16A 230V / 1 x 32A 230V



**6500W**  
5500W  
16.5L  
5h15  
L Handle down: 850  
L Handle up: 1,195 W: 666 x H:699  
117.8kg  
89dB(A)

Inverter  
2 x 16A 230V / 1 x 32A 230V

\*Not available in the UK. Photography shown for model illustration only.

# ENDURANCE GENERATORS

The EC models are the workhorses of our generator range. Their renowned endurance and minimal maintenance requirements make our robust EC the generator of choice for consumers, artisans and semi-professionals. Designed with core values of simple design, reliable starting and extreme durability, they provide raw power for the most heavy-duty applications, from the toughest environments to the harshest and most demanding emergency situations.

Powered by our easy-starting, commercial grade, 4-stroke GX engines, they are ultra-reliable thanks to our Oil Alert™ function that shuts down the engine if the oil level drops below a safe level, preventing costly damage. The engine and alternator are rubber mounted within a powder-coated tubular steel frame for reduced vibration, increased protection and easy lifting.

## ENDURANCE GENERATORS POPULAR USES

- Construction equipment
- Hire companies
- Standard lighting
- Emergency services
- Industrial power tools



**EC 2000**

**ECM 2800**

**EC 3600**

**EC 5000**

**ECT 7000**

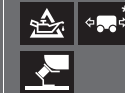
**ECMT 7000\***

**ECT 7000P\***

For feature and technology symbol glossary see page 10

For full generator model specifications see page 22

<b>Max output</b>	<b>2000W</b>
Rated output	1700W
Fuel tank capacity	3.3L
Operating time at rated load	2h50
Dimensions (mm)	L 585 x W 435 x H 440
Dry weight	36kg
Sound power level (2000/14/EC, 2005/88/EC)	95dB(A)
Power output	Condenser
Socket output	16A 230V / 16A 115V



<b>2800W</b>
2500W
14.2L
9h
L 645 x W 435 x H 490
50kg
96dB(A)
Condenser
16A 230V / 16A 115V

<b>3600W</b>
3400W
5.3L
3h
L 800 x W 550 x H 540
58kg
97dB(A)
Condenser
16A 230V / 16A 115V

<b>5000W</b>
4500W
6.2L
2h50
L 800 x W 550 x H 540
75kg
97dB(A)
Condenser
2 x 16A 230V / 1 x 16A 115V / 1 x 32A 115V

<b>4000W / 7000W†</b>
3600W / 6500W†
6.2L
2h15
L 800 x W 550 x H 540
77kg
97dB(A)
Inductive
16A 400V / 16A 230V

<b>4000W / 7000W†</b>
3600W / 6500W†
6.2L
8h10
L 755 x W 550 x H 560
104kg
97dB(A)
Inductive
16A 400V / 16A 230V

<b>4000W / 7000W†</b>
3600W / 5200W†
6.2L
2h15
L 800 x W 550 x H 540
86kg
97dB(A)
Inductive
16A 250V

\*Not available in the UK. \*\*Optional wheel kit available. † The 2 power values shown are for single-phase and three-phase output. Photography shown for model illustration only.



## ENDURANCE HIGH-PERFORMANCE GENERATORS

Powered by the latest generation of GX engine, and featuring a Digital Auto Voltage Regulator (D-AVR), our new EG range is designed for the professional user requiring toughness, reliability and performance for the most demanding commercial and rental applications.

With the ability to detect and react instantaneously to fluctuations in output voltage, the D-AVR technology provides cleaner electricity. This gives extra torque and optimal performance in any electrical motor application, with a stable output to run power tools and incandescent lighting without causing flickering.

Housed in a durable tubular frame, the overhead valve (OHV) GX engine produces plentiful power and has excellent fuel efficiency, all whilst reducing emissions and noise without the use of a catalyst. A centralised layout of all controls ensures the EG range of generators are highly versatile but simple to use.

### ENDURANCE HIGH-PERFORMANCE GENERATORS POPULAR USES

- Sensitive power tools
- General construction equipment
- Industrial applications
- Emergency power applications
- Industrial lighting



**EG 3600CL**

**EG 4500CL**

**EG 5500CL**

For feature and technology symbol glossary see page 10

For full generator model specifications see page 24

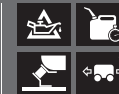
**Max output**  
 Rated output  
 Fuel tank capacity  
 Operating time at rated load  
 Dimensions (mm)  
 Dry weight  
 Sound power level  
 (2000/14/EC, 2005/88/EC)  
 Power output  
 Socket output



**3600W**  
 3200W  
 24L  
 12h  
 L 681 × W 530 × H 571  
 68kg  
 96dB(A)  
 Digital AVR  
 1 x 16A 230V / 1 x 16A 115V /  
 1 x 32A 115V



**4500W**  
 4000W  
 24L  
 9h30  
 L 681 × W 530 × H 571  
 79.5kg  
 97dB(A)  
 Digital AVR  
 2 x 16A 115V / 1 x 32A 230V



**5500W**  
 5000W  
 24L  
 8h10  
 L 681 × W 530 × H 571  
 82.5kg  
 97dB(A)  
 Digital AVR  
 2 x 16A 115V / 1 x 32A 230V

\*Optional wheel kit available.  
 Photography shown for model illustration only.

## ENDURANCE HIGH-TECH GENERATORS

Our popular EM range of generators are the professionals choice for performance and longevity, but without compromising on toughness and reliability. With a clean electricity output, they are ideal for powering sensitive electric motors, or for lighting applications to minimise flicker. They offer ample capacity and precise control.

Our NEW Intelligent Auto Voltage Regulator (i-AVR) Technology on our EM 4500CXS and EM 5500CXS offer electric stability comparable to an Inverter Generator. This unique technology with i-GX engine technology produces a very stable output and load matching performance ideal for applications with high start up loads and sensitive equipment.

These generators are suitable for a wide range of applications including construction, hospitality, emergency services, home back up and sensitive equipment.

The Cyclo Converter technology on our EM30 model allows for a more compact generator size, plus gives a high quality and stable electrical output, as it is not linked to the engine rpm.

### ENDURANCE HIGH-TECH GENERATORS POPULAR USES

- Home back-up
- Hospitality units
- Emergency services
- Sensitive construction equipment
- Sensitive lighting
- Sensitive industrial equipment



Image above shows EM 5500CXS without wheels and handles.

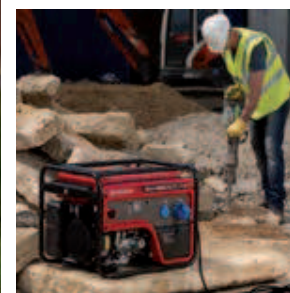


Image above shows EM 5500CXS without wheels and handles.

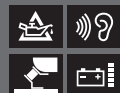


### EM 30\*

### EM 4500CXS

### EM 5500CXS

For feature and technology symbol glossary see page 10  
For full generator model specifications see page 25



#### Max output

Rated output  
Fuel tank capacity  
Operating time at rated load  
Dimensions (mm)

Dry weight  
Sound power level  
(2000/14/EC, 2005/88/EC)

Power output  
Socket output

**3000W**  
2600W  
9.7L  
6h  
L 445 x W 402 x H 480

32kg  
96dB(A)  
Cyclo Converter  
1 x 16A 230V



**4500W**  
4000W  
23.5L  
9h10  
L Handle down: 725  
Handle up: 1047.5 x W 706 x H 719  
106.5kg  
96dB(A)

i-AVR  
1 x 16A 115V / 1 x 32A 115V /  
1 x 32A 230V



**5500W**  
5000W  
23.5L  
7h40  
L Handle down: 725  
Handle up: 1047.5 x W 706 x H 719  
108.8kg  
96dB(A)

i-AVR  
1 x 16A 115V / 1 x 32A 115V /  
1 x 32A 230V

\* Not available in the UK. Photography shown for model illustration only.



PORTABLE GENERATORS



Model	EX 7	EU 10i	EU 20i	EU 30i
Output technology	CYCLO CONVERTER	INVERTER	INVERTER	INVERTER
Type	Single phase	Single phase	Single phase	Single phase
Maximum output (W)	700	1000	2000	3000
Rated output (W)	600	900	1600	2600
Rated voltage (V)	230	230	230	230
Rated frequency (Hz)	50	50	50	50
Rated current (A)	2.6	3.9	7	11.3
DC rated output	12V / 6A	12V / 8A	12V / 8A	12V / 8.3A
Engine model	GXH50	GXH50	GX100	GX160
Engine type	4-stroke, OHV,** 1 cylinder	4-stroke, OHV,** 1 cylinder	4-stroke, OHV,** 1 cylinder	4-stroke, OHV,** 1 cylinder
Displacement (cm³)	49.4	49.4	98.5	163
Bore × stroke (mm)	41.8 × 36.0	41.8 × 36.0	56.0 × 40.0	68.0 × 45.0
Engine speed (rpm)	4500 max	4500 max	5000 max	4000 max
Cooling system	Forced air	Forced air	Forced air	Forced air
Ignition system	Transistor	Transistor	Transistor	Transistor
Oil capacity (L)	0.25	0.25	0.4	0.53
Fuel tank capacity (L)	2.1	2.1	3.6	5.9
Operating time at rated load	4h30	3h30	3h50	3h50
Starter system	Recoil	Recoil	Recoil	Recoil
Length (mm)	451	451	512	622
Width (mm)	242	242	290	379
Height (mm)	379	379	425	489
Dry weight (kg)	12	13	20.7	35.2
Sound pressure level at workstation – dB(A) <small>(98/37/EC, 2006/42/EC)</small>	70	70	71	74
Guaranteed sound power level – dB(A) <small>(2000/14/EC, 2005/88/EC)</small>	83	87	89	92

ENDURANCE GENERATORS



EC 2000	ECM 2800	EC 3600	EC 5000	ECT 7000†	ECMT 7000†	ECT 7000P†
CONDENSER	CONDENSER	CONDENSER	CONDENSER	INDUCTIVE	INDUCTIVE	AVR
Single phase	Single phase	Single phase	Single phase	Single / Three phase	Single / Three phase	Single / Three phase
2000	2800	3600	5000	4000 / 7000†	4000 / 7000†	4000 / 7000†
1700	2500	3400	4500	3600 / 6500†	3600 / 6500†	3600 / 5200†
230	230	230	230	230 / 400†	230 / 400†	230 / 400†
50	50	50	50	50	50	50
7.5	11	15	19.5	16 / 9.5†	16 / 9.5†	16 / 9.5†
N/A	N/A	N/A	N/A	N/A	N/A	N/A
GX160T1	GX200	GX270T	GX390T1	GX390T1	GX390	GX390
4-stroke, OHV,** 1 cylinder	4-stroke, OHV,** 1 cylinder	4-stroke, OHV,** 1 cylinder	4-stroke, OHV,** 1 cylinder	4-stroke, OHV,** 1 cylinder	4-stroke, OHV,** 1 cylinder	4-stroke, OHV,** 1 cylinder
163	196	270	389	389	389	389
68.0 × 45.0	68.0 × 54.0	77.0 × 58.0	88.0 × 64.0	88.0 × 64.0	88.0 × 64.0	88.0 × 64.0
3000	3000	3000	3000	3000	3000	3000
Forced air	Forced air	Forced air	Forced air	Forced air	Forced air	Fan
Transistor	Transistor	Transistor	Transistor	Transistor	Transistor	Transistor
0.6	0.6	1.1	1.1	1.1	1.1	1.1
3.3	14.2	5.3	6.2	6.2	22.8	6.2
2h50	9h	3h	2h50	2h15	8h10	2h15
Recoil	Recoil	Recoil	Recoil	Recoil	Recoil	Recoil
585	645	800	800	800	755	800
435	435	550	550	550	550	550
440	490	540	540	540	560	540
36	50	58	75	77	104	86
84	84	85	87	86	85	87
95	96	97	97	97	97	97

\* Not available in the UK.  
 \*\*OHV – Overhead Valve.  
 † Three phase 400 V3-

MANOEUVRABLE HIGH-TECH GENERATORS



Model  
Output technology

EU 26i	EU 30is	EM 50is	EM 65is	EU 65is
INVERTER	INVERTER	INVERTER	INVERTER	INVERTER

Type	Single phase	Single phase	Single phase	Single phase	Single phase
Maximum output (W)	2600	3000	5000	6500	6500
Rated output (W)	2400	2800	4500	5500	5500
Rated voltage (V)	230	230	230	230	230
Rated frequency (Hz)	50	50	50	50	50
Rated current (A)	10.5	12.2	19.6	23.9	23.9
DC rated output	12V / 10A	12V / 12A	N/A	N/A	N/A
Engine model	GX160	GX200	GX340	GX390	GX390
Engine type	4-stroke, OHV,** 1 cylinder	4-stroke, OHV,** 1 cylinder	4-stroke, OHV,** 1 cylinder	4-stroke, OHV,** 1 cylinder	4-stroke, OHV,** 1 cylinder
Displacement (cm <sup>3</sup> )	163	196	337	389	389
Bore x stroke (mm)	68.0 x 45.0	68.0 x 54.0	82.0 x 64.0	88.0 x 64.0	88.0 x 64.0
Engine speed (rpm)	3800 max	3800 max	3600 max	3600 max	3600 max
Cooling system	Forced air	Forced air	Forced air	Forced air	Forced air
Ignition system	Transistor	Transistor	Transistor	Transistor	Transistor
Oil capacity (L)	0.53	0.55	1.1	1.1	1.1
Fuel tank capacity (L)	13.3	13	16.5	16.5	16.5
Operating time at rated load	8h30	8h	5h40	5h15	5h15
Starter system	Recoil	Recoil and Electric start	Recoil and Electric start	Recoil and Electric start	Recoil and Electric start
Length (mm)	658	658	Handle down: 810mm Handle up: 1,115mm	Handle down: 810mm Handle up: 1,115mm	Handle down: 850mm Handle up: 1,195mm
Width (mm)	482	482	666	666	666
Height (mm)	570	570	692	692	699
Dry weight (kg)	55.9	61.2	101.7	101.7	117.8
Sound pressure level at workstation – dB(A) <small>(98/37/EC, 2006/42/EC)</small>	73	74	78	78	75
Guaranteed sound power level – dB(A) <small>(2000/14/EC, 2005/68/EC)</small>	90	91	96	97	89

ENDURANCE HIGH PERFORMANCE GENERATORS



EG 3600CL	EG 4500CL	EG 5500CL
D-AVR	D-AVR	D-AVR

Type	Single phase	Single phase	Single phase
Maximum output (W)	3600	4500	5500
Rated output (W)	3200	4000	5000
Rated voltage (V)	230	230	230
Rated frequency (Hz)	50	50	50
Rated current (A)	13.9	17.4	21.7
DC rated output	N/A	N/A	N/A
Engine model	GX270T2	GX390T2	GX390T2
Engine type	4-stroke, OHV,** 1 cylinder	4-stroke, OHV,** 1 cylinder	4-stroke, OHV,** 1 cylinder
Displacement (cm <sup>3</sup> )	270	389	389
Bore x stroke (mm)	77.0 x 58.0	88.0 x 64.0	88.0 x 64.0
Engine speed (rpm)	3000	3000	3000
Cooling system	Forced air	Forced air	Forced air
Ignition system	Transistor	Transistor	Transistor
Oil capacity (L)	1.1	1.1	1.1
Fuel tank capacity (L)	24	24	24
Operating time at rated load	12h	9h30	8h10
Starter system	Recoil	Recoil	Recoil
Length (mm)	681	681	681
Width (mm)	530	530	530
Height (mm)	571	571	571
Dry weight (kg)	68	79.5	82.5
Sound pressure level at workstation – dB(A) <small>(98/37/EC, 2006/42/EC)</small>	79	81	82
Guaranteed sound power level – dB(A) <small>(2000/14/EC, 2005/68/EC)</small>	96	97	97

ENDURANCE HIGH-TECH GENERATORS



EM 30	EM 4500CXs	EM 5500CXs
CYCLO CONVERTER	i-AVR	i-AVR

Type	Single phase	Single phase	Single phase
Maximum output (W)	3000	4500	5500
Rated output (W)	2600	4000	5000
Rated voltage (V)	230	230	230
Rated frequency (Hz)	50	50	50
Rated current (A)	11.4	17.4	21.7
DC rated output	12V / 12A	N/A	N/A
Engine model	GX200	i-GX390	i-GX390
Engine type	4-stroke, OHV,** 1 cylinder	4-stroke, OHV,** 1 cylinder	4-stroke, OHV,** 1 cylinder
Displacement (cm <sup>3</sup> )	196	389	389
Bore x stroke (mm)	68.0 x 54.0	88.0 x 64.0	88.0 x 64.0
Engine speed (rpm)	3600 max	3000	3000
Cooling system	Forced air	Forced air	Forced air
Ignition system	Transistor	Transistor	Transistor
Oil capacity (L)	0.55	1.1	1.1
Fuel tank capacity (L)	9.7	23.5	23.5
Operating time at rated load	6h	9h10	7h40
Starter system	Recoil	Electric start	Electric start
Length (mm)	445	Handle down: 725 Handle up: 1047.5	Handle down: 725 Handle up: 1047.5
Width (mm)	402	706	706
Height (mm)	480	719	719
Dry weight (kg)	32	106.5	108.8
Sound pressure level at workstation – dB(A) <small>(98/37/EC, 2006/42/EC)</small>	79	77	77
Guaranteed sound power level – dB(A) <small>(2000/14/EC, 2005/68/EC)</small>	96	96	96

\*Not available in the UK.  
\*\*OHV – Overhead Valve.  
Note: all the generators run on Unleaded Petrol.