QUALITY OF **POWER OUTPUT**

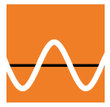
Whatever load you are plugging in, a high quality electricity output will enhance the life time of your application. Reactive loads will require very high quality electricity for better performance. Electronic loads could even fail if the electricity quality is not high enough.

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 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.



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.

AVR

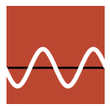
Many Honda generators feature an Automatic Voltage Regulator, or AVR, designed to consistently control voltage. Power regulation is electronically controlled, which allows for better voltage and frequency stability. The AVR helps keep the output voltage more constant and less dependent on the load. This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

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.

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.



INVERTER

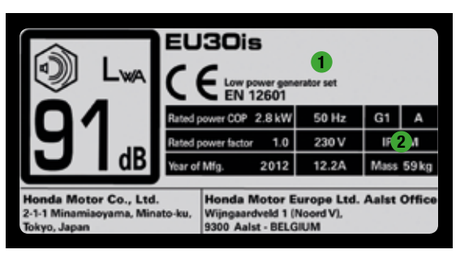
Inverter generators, pioneered by Honda back in 1987, give high quality clean power and are not rpm dependent. The cutting-edge technology allows for an exceptionally compact product, with an alternator almost half the size of more traditional generators. Ideal for powering highly sensitive electronic 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 one that 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

For effortless starting (all units with electric start are equipped with a recoil start for back-up).

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 EU 10i, two EU 20i, two EU 30i, two EU 30is, or two EU 70is generators together to get 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.

AUTO-CHOKE

The intelligent Auto-choke System automatically sets the choke to give optimum starting and running in all conditions.

FUEL INJECTED ENGINE

A world first for small generators. The fuel injection system improves starting, increases efficiency and reduces emissions.