

The Latest Innovations

You'll find 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's new EU65is uses the most advanced sound-proofing technology to deliver quiet operation at high levels of output – unmatched by any other manufacturer. Our remarkable generators also feature a unique highspeed multi-pole alternator built into the engine enabling them to reduce their overall size and weight to around half that of the competition! Honda's EU generators take this technology a step further by incorporating an advanced microcomputer-controlled sinewave inverter. This guarantees consistent commercial quality electricity and makes them ideal for use with sensitive electrical equipment such as computers. Whatever the application, Honda Generators really do give you the power to go anywhere.

Using Your Honda Generator

Before connecting an appliance to a Honda Generator, you need to check the generator has enough capacity (watts) to both start the appliance up and keep it running at maximum level. This includes checking both the maximum and rated output.

Calculating Rated Power

Some appliances, like light globes, have a clearly marked wattage. However, most give the required number of watts (the "rated power") on an attached compliance plate. In cases where the appliance only refers to required amperes (amps or A) simply convert to watts using the following formula.

Converting Amps to Watts

Multiply the amperage listed on the compliance plate by the voltage of the mains electrical system (240 volts). For example, a 5 amp appliance requires 1200 watts to run (5×240).

Start-up Power

In addition, appliances with electric motors such as drills, sanders, polishers and power saws need an extra "boost" of watts at start-up. This can be substantially higher than the operating figure printed on the compliance plate, and depends on the type of motor. Split Phase Motors require 8 to 10 times their rated power for start-up and Capacitor Motors need 4.5 times their rated power to start. The more common Series Motors need 1.5 times their rated power to start up. If you are unsure, check with the appliance manufacturer.

ADVANCED **4** TECHNOLOGY

- 4 starts first time every time reliability**
- 4 less noise**
- 4 no oil and fuel mixing**
- 4 more torque and power**
- 4 lower emissions**
- 4 superior durability and longer life**