Honda Inverter Technology

Honda boasts a sine wave equal to or better than the current from your household power. Computers and power-sensitive testing equipment require what is referred to as “clean power.” Clean power is electrical current that is consistent and has a stable “sine wave” or signal. If the lights or other basic appliances in your home were being powered by a generator and there was a fluctuation in the AC power, you’d probably see the lights dim and then return to full brightness. No problem! However, if your computer was being powered by a generator and the voltage fluctuated, chances are the computer would shut down!

In order to overcome this problem, Honda engineers developed a revolutionary form of inverter technology. This process takes the raw power produced by the generator and passes it through a special microprocessor that provides ultra-clean power that boasts a sine wave equal to or better than the current from your household AC wall outlet.

Lightweight and Compact

Honda’s unique inverter technology also dramatically reduces the size and weight of the generator. This reduction is possible due to the Honda EU-series generators having the alternators built into the engines themselves, eliminating the need for bulky (and heavy) independent alternators.

Quiet Operation

Honda’s original two-tiered noise dampening system and Eco-Throttle™ ensure quiet operation. Honda’s EU Series generators operate at 48 to 59 dB. This makes them ideal for applications like emergency services, disaster recovery, and utility operations during which communications are critical and discretion is appreciated.

Oil Alert®

Both Honda generators are equipped with a safety system that shuts the engine down if oil reaches an unsafe operating level. This helps prevent engine damage from overheating due to lack of oil.