

Benefits of Honda EU Series Generators

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.



EU-SERIES ADVANTAGES

- ★ Inverter Technology
- ★ Eco-Throttle®
- ★ Simultaneous AC/DC use
- ★ Overload Alarm
- ★ Electronic Ignition
- ★ Quiet Operation
- ★ Lightweight
- ★ Standard Oil Alert®
- ★ Parallel Operation
- ★ Electronic Circuit Breakers
- ★ One Switch for Engine/Fuel Valve On/Off
- ★ D/C Charging
- ★ USDA Qualified Spark Arrester

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.

Low Fuel Consumption

The high-efficiency inverter and Eco-Throttle™ system, standard on EU1000i and EU2200i models, allow these generators to consume 20 to 40% less fuel than conventional generators which must continuously operate at 3600 RPMs to produce 60 cycle 120 volt power. The Eco-Throttle system incorporates a load-dependent speed control-type governor that offers excellent fuel economy by automatically adjusting engine speed to the optimum level, given the usage load. This not only reduces fuel consumption and operating noise in the normal usage range, but it also keeps exhaust emissions low.

Parallel Operation

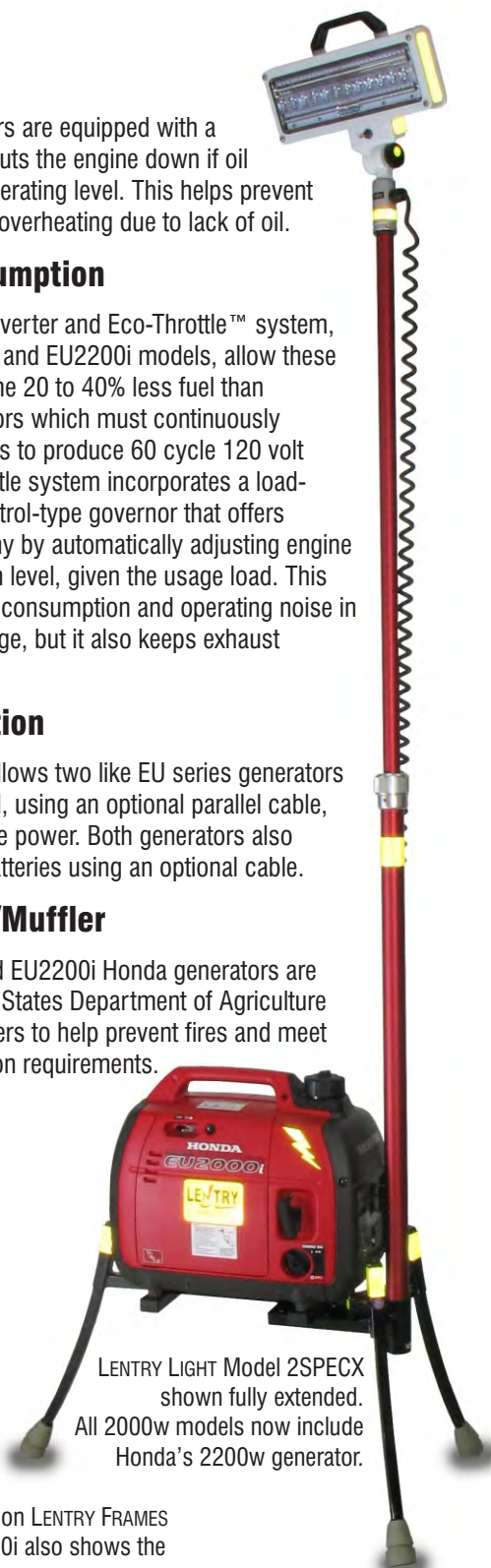
Inverter technology allows two like EU series generators to be linked in parallel, using an optional parallel cable, to double the available power. Both generators also charge automotive batteries using an optional cable.

Spark Arrester/Muffler

Both the EU1000i and EU2200i Honda generators are equipped with United States Department of Agriculture qualified spark arresters to help prevent fires and meet National Park operation requirements.

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Honda EU1000i & EU2200i mounted on LENTRY FRAMES with three all-terrain legs. The EU2200i also shows the optional Wheel & Handle Kit.



LENTRY LIGHT Model 2SPECX shown fully extended. All 2000w models now include Honda's 2200w generator.