

Honda vs. Yamaha

EP 2500 EF 2600



HONDA
Power
Equipment



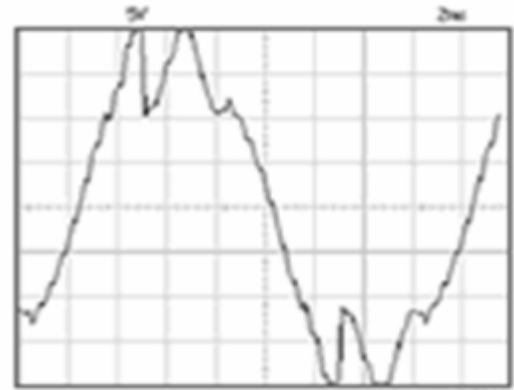
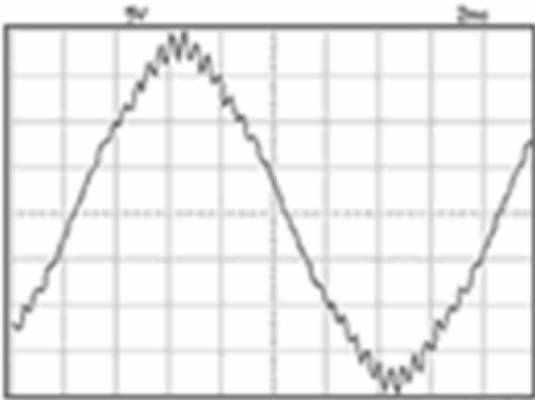
 **YAMAHA**

Honda Generators

The EP2500CX from Honda is the first generator built to provide the power to get you right through the toughest of Canadian winters. With industry leading innovations like “Cold Climate Technology”, which helps keep the crankcase ventilation tube free from ice formation and helps prevent generator shutdown, this is one generator you can depend on. The EP2500CX is also equipped with the legendary, easy-starting, fuel-efficient and low-emission Honda GX series OHV, commercial-grade engine. You can count on easy-to-use standard 120 VAC outlets, simplified controls and a running time of up to 15.3 hours at ½ load. The best part is, you can get all of this at a price that's easy to warm up to.

Honda vs. Yamaha

EP 2500 EF 2600



HONDA
Power
Equipment



Brush Type vs. Brushless

Voltage regulation controls the power output of a generator with consistent power being extremely important. Fluctuations in power can cause equipment to shut down or even damage the appliance. AC power is depicted using a sine wave. The smoother the curve, the more stable the power. Note the two sine waves above, Yamaha's brushless on the right and Honda's brush type on the left.

The Yamaha EF2600 uses brushless technology because of its inexpensive manufacturing costs. The unfortunate problem with this technology is brushless generators cannot react quickly to a changing load which can produce very little power or too much power. Yamaha uses mechanical governors in an attempt to maintain engine speed to avoid fluctuations of this nature that are known to cause equipment damage on sensitive items.

The Honda EP2500 uses brush-type AVR technology designed to consistently control voltage. The output voltage is more constant than the Yamaha regardless of the load. This means no spikes or low power conditions with the Honda and the Honda is less likely to damage your equipment.

Honda vs. Yamaha

EP 2500 EF 2600



HONDA
Power
Equipment



 **YAMAHA**

AC Output

Even though the Yamaha has a larger maximum AC output at 2,600 watts, both units share the same rated AC output at 2,300 watts.

Fuel Efficiency and Run Time

At half load the Honda EP2500 has a running time of an amazing 15.3 hours on one tank of fuel. The EF2600 falls short at half load with a running time of only 11 hours per tank. There are a couple of reasons for this. First, the Honda EP2500CX has a larger fuel tank capacity of 14.5 litres compared to a 12 litre capacity for the Yamaha EF2600. Also, the Honda engine provides better fuel economy at half load burning only 0.95 litres of fuel per hour where the Yamaha engine burns 1.1 litres of fuel per hour.

The Honda generator also has a longer running time at rated load as well. The Honda will run for 10.2 hours at full load while the Yamaha will only run for 9 hours. And, as mentioned above, they both share the same rated load specification of 2,300 watts.

Honda vs. Yamaha

EP 2500 EF 2600



M.S.R.P.



The Manufacturers Suggested Retail Price for the Yamaha EF2600 is \$949.00, the Honda EP2500's M.S.R.P. is only \$849.00. With the lower MSRP the Honda offers better value because both units offer,

4-Stroke, OHV, Air-Cooled Engines
19.2 Rated Amps @ 120 Volts Output
Low Oil Level Shutdown
Manual Recoil Starting Systems

Warranty

Both generators are covered by a 24 month non-commercial use limited warranty. The Honda EP2500 also offers commercial customers 3 months protection against manufacturer's defects. Yamaha does not offer a any commercial protection.



Did you know....the Honda EP2500 features Cold Climate Technology? Developed in Canada, Honda's "Cold Climate Technology" ensures that a Honda generator works all winter long. Honda's exclusive breather heater system helps keep the crankcase ventilation tube free of ice formation which helps prevent generator shutdown. Yamaha's generators may shut down due to moisture in the intake air freezing up in cold weather applications.