

# YAMAHA

## PORTABLE GENERATOR

# EF1000

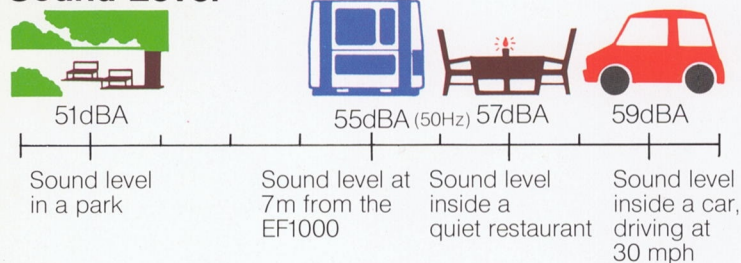




# THE PORTABLE GEN HANDLE HUNDREDS

The quiet, compact, efficient EF1000 generator reflects Yamaha's advanced technology and provides a strong, reliable power source in many applications. The overhead valve design (OHV) and aluminum die-cast cylinder ensure excellent fuel efficiency while the full cover and integrated cooling system minimize noise and overheating. Other advanced features such as the C.D. ignition, oil warning system, and special decompressor add to the generator's extraordinary convenience and dependability. If that weren't enough, the EF1000 is also remarkably quiet ... just 55 decibels measured 7 meters away!

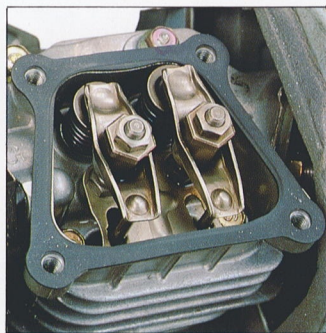
## Sound Level



## Features:

### ● New OHV Engine

Unlike conventional generators in which the valves are on the side, the EF1000 has its valves positioned over the piston. The valves itself is driven by the crankshaft through the camshaft, lifters, push-rods, and rocker arms. As a result, the generator is amazingly light and compact considering its strong 1 kW power. The EF1000 also consumes very little fuel and oil for maximum economy.



### ● C.D. Ignition System

C.D. Ignition system provides a strong spark for more efficient, more economical fuel combustion.

### ● Automatic Decompression System

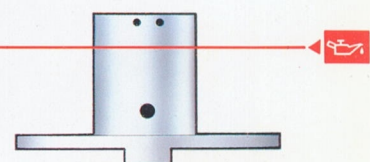
Together with the perfectly calibrated carburettor, the automatic decompression system ensures quick, easy starting even at the coldest temperatures.

### ● Oil Cut Box

The oil cut box inside the breather prevents oil from entering the air cleaner and thus prevents a number of conventional headaches such as carbon build-up in the cylinder and valve sticking.

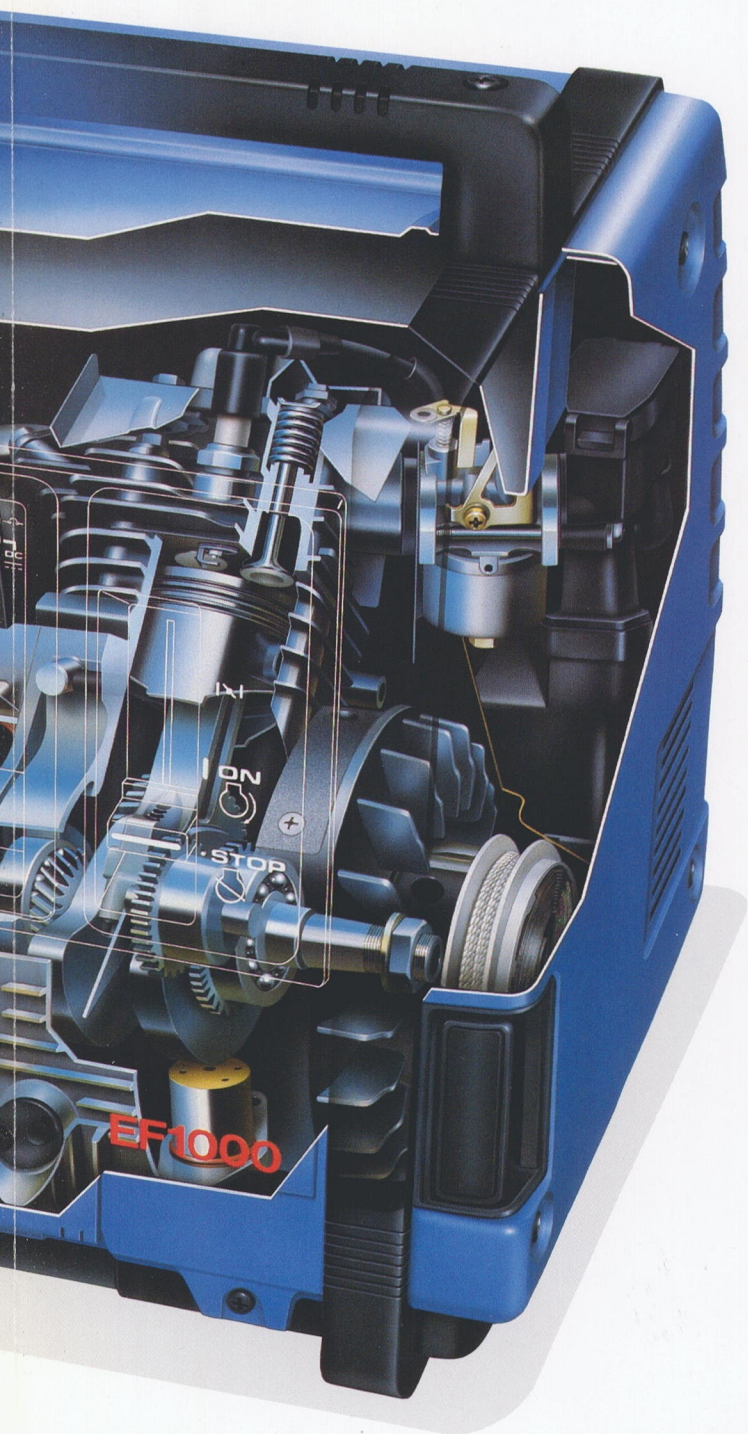
### ● Oil Warning System

The engine is automatically stopped the instant the oil level drops below a set mark. This prevents overheating and extends the service life of the entire unit.



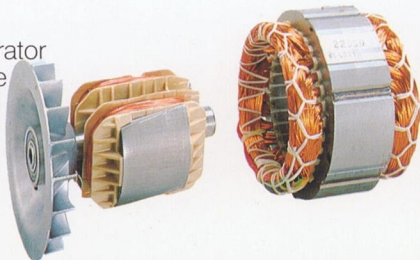


# GENERATOR THAT CAN DO DIFFERENT JOBS.



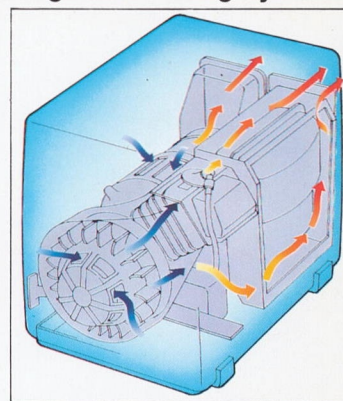
## ● Brushless Generator

Because it's brushless, this generator is virtually maintenance-free while supplying stable power in any circumstance and location.



## ● Fully Covered plus an Integrated Cooling System

The EF1000 is fully covered to deliver a quiet and completely safe performance. The EF1000 is also equipped with Yamaha's original 3-passage air cooling system which provides the most efficient cooling performance possible. One passage cools the muffler. Another the cylinder block and the area around the crankcase. A third passage cools the generator.



Although fully covered, the generator can operate hour after hour continuously without overheating.

## ● Easy to Refill with Oil

The oil feed cap features a handy built-in, pull-out funnel which allows you to refill the engine with oil quickly and cleanly.

## ● Easy-to-check Fuel Gauge

The operator can check the amount of fuel remaining in the tank simply and easily by glancing at this gauge.

## ● Noise-suppressing Spark Plug Cap

The spark plug cap features a built-in noise suppressor which prevents the engine from interfering with TV and radio reception.

## ● Large Fuel Tank Cap

The extra-large cap on the fuel tank makes it extremely easy to fill the tank with fuel.

## ● Non-fuse Circuit Breaker

This non-fuse circuit breaker automatically breaks the circuit to prevent an overload, thus ensuring safe, long-term operation.

## ● 12-volt DC Outlet








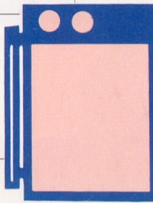

A 12-volt DC outlet is provided so that car and boat batteries can be quickly and conveniently charged.

## ● Built-in Tool Kit

A tool kit is housed within a special compartment in the unit. A screwdriver is all that's needed to open the compartment.

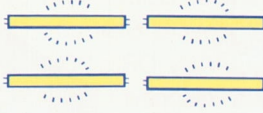




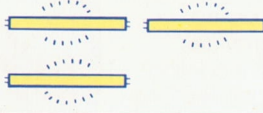







## TYPICAL APPLICATIONS

 Fluorescent lamp 30W	 Video tape recorder 45W	 Electric fan 50W	 Light (home use) 60W
 Home audio 100W	 Television 110W	 Refrigerator (using condenser motor) 200W	 Washing machine 400W
			 Iron 600W

Above applications are typical samples only.


## APPLICABLE CAPACITY

<b>50 Hz</b>						650W	
<b>60 Hz</b>							800W

## SPECIFICATION

Model	EF1000	
<b>GENERATOR</b>		
Frequency	50Hz	60Hz
Max. AC output	800VA	1,000VA
Rated AC output	650VA	800VA
Voltage	220V	120V
AC current	3.0A	6.7A
Power factor	100%	
DC output	12V/10A	
Generator type	Condenser exciting AC generator	
Phase	Single	
Coupling	Direct	
Continuous operating hours	7.5 hrs/50Hz(At rated output)	5.5 hrs/60Hz(At rated output)
<b>ENGINE</b>		
Type	4-stroke, OHV, forced air cooled	
Displacement	84.4 cc	
Bore x Stroke	50 x 43mm	
Engine power	1.6PS/3,000 rpm	1.9PS/3,600 rpm
Fuel	Gasoline	
Fuel tank capacity	3.8 liters	
Lubrication oil capacity	0.43 liters	
Ignition system	C.D.I.	
Starting system	Recoil starter	
<b>NOISE LEVEL</b> (Front)	55 dBA(50Hz)/7 m (23 feet)	58 dBA(60Hz)/7 m (23 feet)
<b>DRY WEIGHT</b>	24.8 kg	
<b>DIMENSIONS</b> (L x W x H)	390 x 280 x 388mm	

Specifications subject to change without notice.

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