



YAMAHA

GENERATORS

GENERATORS *AND* PUMPS

QUIET • DURABLE • RELIABLE



INVERTER SERIES

AS QUIET, CLEAN AND EFFICIENT AS POWER GETS.

Yamaha Inverter technology is the way forward when it comes to light, quiet, clean and portable power. Our inverters use Pulse Width Modulation to produce the ultimate in pure sine wave electricity. Pulse Width Modulation control produces electricity that's as clean or cleaner than municipal power, earning the highest rating from CARB (California Air Resources Board) and the EPA (Environmental Protection Agency) and allowing you to run computers and other electronic equipment with complete peace of mind. While we're at it, we equipped many of our Inverter models with advanced Noise Block technology for quiet running, our Smart Throttle system—which automatically adjusts engine speed for maximum fuel efficiency—and plenty of other ideas that make your life easier, better and brighter.

EF2000iS

(L x W x H) 19.3" x 11" x 17.9" 44.1 LB



Introducing the ingenious new EF2000iS. Powerful, portable and retro-cool, it delivers maximum output with minimum effort. Weighing a mere 44 compact pounds, it features an extra-large handle for easy transport to your campsite, work site, fishing spot—almost anywhere. Fitted with Yamaha's most technologically sophisticated muffler, it's whisper quiet. And if you need extra juice, the EF2000iS has you covered—a convenient parallel function lets you connect two generators to deliver up to 30 maximum amps. Meeting the strictest environmental standards, it's simply the greenest way ever to power up.

27.9 LB

(L x W x H) 17.7" x 9.4" x 14.9"

EF1000iS

There's no excuse to be caught without power when the 28-pound, easy-to-carry EF1000iS is so easy to own. The EF1000iS is so compact and unobtrusive you'll enjoy using it almost anywhere: Noise Block design technology keeps it nice and quiet. And it's so efficient, thanks to Smart Throttle, that this little generator will run up to 12 hours on just 0.66 gallon of gas—easily powering up small appliances, computers, TVs and satellite systems with clean power from Yamaha's Pulse Width Modulation Inverter system. It even comes with cables for recharging 12-volt batteries.



EF2400iSHC

(L x W x H) 20.8" x 16.5" x 18.2" 75 LB



Introducing the new EF2400iSHC. HC stands for High Current which means extra power to help start your motor driven electric devices. This model uses Yamaha's powerful 171cc overhead-valve engine, contains all the latest Yamaha Inverter technology and puts out 2400 maximum watts of clean, pure power—enough juice to crank up a high-efficiency 13,500 BTU RV air conditioner. All in a package that weighs a mere 75 pounds! Which means the new EF2400iSHC is not only super quiet, but highly portable, as well.

66 LB

(L x W x H) 19.2" x 15.6" x 16.7"

EF2800i

There's a bunch of power and big-time features built into this compact, 66-pound Inverter generator. Rated at 2800 maximum watts of output, this generator has an exceptional power output-to-weight ratio—and Pulse Width Modulation produces high-quality, clean electricity that's ideal for powering computers and electronic appliances. Other features include AC and DC output, Smart Throttle that matches engine speed to current draw for delivering optimal fuel economy, an Oil Watch Warning System and AC non-fuse thermal breaker circuitry—the list goes on. We're talking big, reliable power in a small package.



EF3000iSE
EF3000iSEB

(L x W x H) 26.8" x 17.5" x 21.9" : 149.9 LB
(L x W x H) 26.8" x 17.5" x 21.9" : 154.3 LB



Clean Inverter power, and plenty of it, doesn't get much more convenient than the EF3000iSE. There's up to 3000 watts of pure power inside that stylishly designed Noise Block technology housing—and built-in ergonomic handles and sturdy wheels make moving the generator smooth and easy. In addition to Noise Block (which keeps it down to a whisper-quiet 53-60 dBA), this model has all the right stuff: Pulse Width Modulation, Smart Throttle, Oil Watch Warning System—and an incredible 19-hour run time at one-quarter load. This one's built to last and designed to make electricity the least of your problems.

Get all the power and features of the EF3000iSE and a little bit more: that "B" stands for Boost—Yamaha Boost Technology. An internal Boost Control Unit (BCU) senses when extra power is needed for starting high-draw tools and appliances, and boosts generator output for up to 10 seconds by adding stepped-up and inverted battery voltage to normal alternator output. That 10-second boost is ample time to give big air conditioners and heavy-duty power tools the extra kick they need to start quickly and efficiently. That extra boost helps reduce appliance motor temperature and excessive heat build-up during start-up, increasing the life of your appliances.

BATTERY INCLUDED AS STANDARD EQUIPMENT.

PREMIUM SERIES

YAMAHA POWER WILL BE THERE WHEN YOU NEED IT.

There's something to be said for experience. We've been building generators for more than 30 years now, and we've learned a few things along the way. Number one among them is that when you need power, you want the reliability of a Yamaha generator. Whatever your intended primary use, a big reason to own a generator is for emergency backup power at home. Advanced generator technology and features, quality materials and construction, and more than 30 years of doing things right add up to power that's there when you need it.

194 LB (L x W x H) 30.7" x 24.3" x 27.2"

EF4500iSE

The EF4500iSE picks up where our extremely successful EF3000iSE leaves off, with even more power and fuel efficiency in a quiet, portable package. Designed for maximum fuel efficiency and minimum noise, its super-powerful engine allows it to run at the very low engine speed of just 2600 rpm—1000 rpm lower than other generators in its class. That slow engine speed pays off big time in reduced fuel consumption as well as less noise, vibration and engine wear. Naturally, it's got all the advanced features you expect from Yamaha, including an optional wireless remote control. The EF4500iSE truly is the ultimate RV accessory.



BATTERY INCLUDED AS STANDARD EQUIPMENT.

EF2600

(L x W x H) 20.1" x 16.3" x 16.7" : 92.6 LB



Rugged, lightweight and feature-packed, the EF2600 is an excellent compact generator for the home or work site, with the power to run many appliances as well as power tools. Compact and only 92.6 pounds, our smallest Premium Generator nonetheless comes with a big, 2.9-gallon fuel tank (with gauge) that provides 11 hours of run time on a single tank of gas, along with Ground Fault Interrupter and non-fuse thermal breaker circuitry. Our Oil Watch Warning System protects the EF2600's heavy-duty 171cc engine, and a rugged rollover frame protects the outsides. A mechanical governor delivers consistent engine speed for smoother power, while rubber mounts and a quiet muffler keep the noise to a minimum.

EF6300iSDE

(L x W x H) 30.7" x 24.3" x 27.2" : 200 LB



Introducing the all-new, all-powerful EF6300iSDE. Cranking out up to 6300 watts of pure sine wave inverter power, its fully enclosed casing makes it ultra quiet. And with sophisticated capabilities like dual 120-volt and 240-volt power, you can run almost any type of equipment with total confidence. From high-demand equipment such as well pumps, compressors and RV air conditioners to sensitive electronics like plasma TVs, satellite receivers and computers, the EF6300iSDE is ideal for outdoor recreation and power outage emergencies. And excellent fuel efficiency means a run time of 13 hours at a constant one-quarter load on just a single tank of gas.

BATTERY INCLUDED AS STANDARD EQUIPMENT.

191.8 LB (L x W x H) 35.2" x 20.5" x 20.7"

EF4000DE

Go ahead and power up both 120- and 240-volt equipment with this compact and powerful generator—anything from air conditioners to power drills. A rugged 357cc Yamaha engine has no trouble spinning out 4000 watts of power from the EF4000DE's maintenance-free brushless alternator, and this one's got all the perks, too—including Electric Starting*. Transistor Controlled Ignition helps this generator fire right up and run super smooth. Noise Suppressor reduces interference with TVs and radios. Our Oil Watch Warning System prevents engine damage, and Economy Idle reduces fuel consumption and noise. That oughta do it. The EF4000DE's perfect for RVs and home backup.

*BATTERY NOT INCLUDED.



200.6 LB

(L x W x H) 35.2" x 20.5" x 20.7"

EF5200DE

This one's got all the great features and reliability of the EF4000DE with a little more oomph—5200 peak watts to be exact—enough to run most residential well pumps, multiple power tools simultaneously and major appliances. A reliable 357cc Yamaha four-stroke engine runs for up to 7.4 hours on a single tank of fuel, and Yamaha engineering keeps the noise down to a nice, quiet 73 dBA. Naturally, it gets all the Yamaha good stuff as well: AC Non-fuse Thermal Breaker Circuitry, Electric Starting*, TCI, Brushless Alternator, Oil Watch Warning System... and even with all those features and power, the EF5200DE weighs just 200.6 pounds.



*BATTERY NOT INCLUDED.

EF6600DE

(L x W x H) 35.2" x 20.5" x 20.7" 200.6 LB



It's the same size as the EF5200DE, but the EF6600DE's powerful 357cc engine helps it put out a full 6600 watts of power—enough juice to run well pumps, air conditioners, refrigerators—enough to be the main power source for the typical cabin or for your home in an emergency. That's a maximum 55 amps at 120V, or 27.5 amps at 240V from the brushless AVR AC generator, and features like Electric Starting* and Auto Voltage Regulation mean you get spot-on power delivery with minimal fluctuation. This one's got all the great Yamaha features.

*BATTERY NOT INCLUDED.

327.8 LB

(L x W x H) 33.3" x 29.6" x 33.3"

EF12000DE

Power hungry? Just cut to the chase, and wheel in our most powerful generator: 12,000 watts should be enough to satisfy whatever you need to power up—120 or 240 volts. The EF12000DE's brush-type AVR AC alternator draws its motivation from a powerful, reliable 635cc twin-cylinder engine that'll run up to 10 hours between fill-ups. We wouldn't send our flagship out there without the full complement of features: Oil Watch Warning System, Auto Voltage Regulation, Transistor Controlled Ignition, Noise Suppressor, GFI, Electric Starting* and Economy Idle—you name it, this powerful generator's got it.



*BATTERY NOT INCLUDED.

WORKSHEET *Application*

GENERATOR SIZING

The first thing you need to do is determine what size generator would work best for your particular requirements. This section will help walk you through that process.

When purchasing a generator, it's important that you select one that's capable of meeting your energy requirements. You must match the rated output of the generator to the maximum anticipated power to be used.

This section will assist you in estimating the power requirements so you can purchase the generator that will satisfy your needs. This includes using the accompanying worksheet to make a list of the tools and appliances you expect to operate, as well as the approximate power requirements for each device.

Once you have the list, you can estimate the highest demand that will be put on the generator under the "worst-case" conditions. With this figure, you can determine the appropriate model Yamaha generator for your particular needs.

TAKE IT STEP-BY-STEP

Follow these steps when determining your energy needs:

1. Identify the wattage requirements for the tools and appliances that you want to power. The power requirement for the tool or appliance can be found on its identification plate or in the owner's manual. If the power requirement is given in amps, multiply the amps times volts to determine the required watts.

Amps x Volts = Watts

2. Add up the required watts of all the tools and appliances you expect to operate simultaneously.

3. The total watts determined in step 2 is the size Yamaha generator you need. These three simple steps will "size" a generator.

General guidelines shown. Your specific needs may vary. For more information, visit: yamaha-motor.com/generators

APPLIANCE	RUNNING WATTAGE RANGE	STARTING WATTAGE RANGE	YOUR RUNNING WATTAGE
RESIDENTIAL			
REFRIGERATOR	200-500	600-1500	
1000 WATT MICROWAVE OVEN	1500	1700	
SUMP PUMP	500-1200	1000-2500	
WELL PUMP (240V)	2500-5000	4000-10000	
TELEVISION	150-300		
COFFEE MAKER	500-800		
COMPUTER	200-800		
PRINTER	500		
PERSONAL HEATER	1500		
LIGHTS	See bulb wattage		
ELECTRIC RANGE EACH BURNER (240V)	2500		
WATER HEATER (240V)	4500		
HAIR BLOW DRYER	1500-1750		
AQUARIUM HEATER & PUMP	500-2000		
RECREATIONAL VEHICLE			
10500 BTU AIR CONDITIONER	1200-2000	2000-3500	
REFRIGERATOR	650		
WATER HEATER	1400		
BATTERY CHARGER	150-1000		
GENERAL			
RECIPROCATING SAW	500		
ROTARY HAMMER	1000		
CHAIN SAW 7 1/4"	1200		
CIRCULAR SAW	2000	3000	
1/2" DRILL	700		
BELT SANDER	1000		
DISC SANDER 9"	1200		
DISC GRINDER	1800		
TOTAL:			

PUMPS

PUT THE WATER WHERE YOU WANT IT.


Everybody talks about the weather, but nobody does anything about it. Well, it doesn't have to be that way. When your tasks require moving water, get the job done right with a powerful and reliable Yamaha dewatering pump. Both our pumps are designed to be easy to use and maintain, with convenience features like self-priming, easy hose connections and the quality you expect from a company that's been building some of the finest power equipment in the world for more than 30 years.

YP20G	(L x W x H) 15.4" x 19.8" x 17.9"	59.5 LB
--------------	-----------------------------------	---------



A nearly indestructible Yamaha engine sees to it this powerful pump has no problem moving up to 160 gallons a minute. And it'll keep doing it for years, thanks to features like Oil Watch Warning System, a cast-iron cylinder liner, and a tough, cast-iron volute and impeller. Other features include durable, abrasion-resistant, carbon-ceramic seal, Auto Decompression for easy starting and a dry weight of just 59.5 pounds for great portability. It's also nice and quiet, thanks to a big muffler—and the YP20G's 1.2-gallon fuel tank can keep it pumping smoothly along for a good long time.

66.1 LB	(L x W x H) 15.6" x 20.4" x 18.3"	YP30G
---------	-----------------------------------	--------------



And when you really need to move some water, there's the YP30G, with a 171cc engine and 3-inch intake that can flow up to 260 gallons of liquid per minute—with a maximum lift of 23 feet and total head of 102 feet. That's serious suction and serious power. Just like the YP20G, the YP30G is loaded with high-quality, built-to-last components and features designed to keep this heavy-duty pump going strong for years to come.

ACCESSORIES

A. GENERATOR & WATER PUMP COVERS

Protect your investment during storage with a cover made from premium SurLast™ polyester fabric. This UV-resistant material fights fading while protecting your equipment from the elements. A special urethane coating lets moisture escape from underneath while remaining water repellent. The cover is mold and mildew resistant, as well as tear and abrasion resistant for durability.

Fits EF1600, EF2600A, EF2600 and EF2800i, YG2800i Generators and YP20G and YP30G Water Pumps
ACC-GNCVR-26-00

Fits EF2000iS **ACC-GNCVR-20-00**
 Fits EF2400iS **ACC-GNCVR-24-00**

Fits EF4000DE, EF4600A, EF4600DE, EF5200DE, EF6600DE, EF6600A
ACC-GNCVR-46-00 (Note: Fits all listed models, including electric start and non-electric start models, with or without the accessory wheel kit.)

Fits EF12000DE **ACC-GNCVR-12-00**

Fits EF1000iS **ACC-GNCVR-10-00**
 (Includes storage pocket for owner's manual, tool kit and battery-charging cables.)

Fits EF4500iSE and EF6300iSDE **ACC-GNCVR-45-00**

B. GENERATOR WHEEL KITS

For ease of maneuverability, these wheel kits are ideal. Heavy-duty solid rubber tires to eliminate flats. Handles are made to fold down to reduce space requirements and potential damage.

Fits EF4000DE, EF4600DE, EF5200DE, EF6600DE
ACC-WHEEL-KI-TP (Painted)
ACC-WHEEL-KI-TC (Chrome)

C. REMOTE STARTER KITS

Extra convenience for getting up and going when you need to. Features a 33-foot cord with remote starter switch. Available for all electric-start premium models.
7VW-Y8720-00-00

D. WIRELESS REMOTE CONTROL

For EF3000iSE(B) **ACC-GNRST-40-00**
 For EF4500iSE and EF6300iSDE **7XF-Y8600-00-00**

E. TWIN TECH CABLE

Connect two EF2000iS generators in-line with a Twin Tech cable and output for Max 30AMPS and Rated 25AMPS of power. Or, connect two EF2400iS generators for Max 32AMPS and Rated 26AMPS of power.
 EF2400iS: **ACC-GNCBL-24-00**
 EF2000iS: **7DF-85579-10-00**

F. YAMAHA ENGINE METER

To help you maintain your generator at proper service intervals, the intervals are preprogrammed into this meter (10 hours initial, every 50 hours thereafter). Upon reaching the specified service interval, the meter displays a flash alert for a two-hour period. Includes hour meter and tachometer functions. Works with all Yamaha gasoline generators and pumps.

Deluxe Hour Meter & Tachometer **ENG-METER-4C-01**
 Deluxe Hour Meter **ENG-METER-2C-01**

G. REPLACEMENT BATTERY

EF3000: **BTY-YTX12-BS-00**
 EF4500iSE and EF6300iSDE: **BTY-YTX20-LB-S0**
 EF12000: **BTG-NS600-00-00** (<23°), **BTG-NS40Z-00-00** (>24°)
 All other gasoline models: **BTG-C60N2-4L-A0**

H. YAMALUBE PERFORMANCE ALL PURPOSE 10W-40

Performance blended engine oil using high-quality mineral base stocks. Excellent protection and technologically superior additives make this oil exceptional. Meets or exceeds all factory recommendations for use in Yamaha engines and meets or exceeds JASO MA guidelines and standards. (Consult your authorized Yamaha dealer for pricing and specifications.)

1-Quart Bottles **LUB-10W40-AP-12**
 1-Gallon Bottles **LUB-10W40-AP-04**
 55-Gallon Drum **LUB-10W40-AP-55**

I. FOAM AIR FILTER OIL

Helps protect against dirt, dust and water. For use only with foam air filters.
 1-Pint Bottle **ACC-FOAMF-LT-ER**

J. CONTACT CLEANER

Dries quickly and leaves no residue.
 12-Oz. Can **ACC-CNTCT-CL-NR**

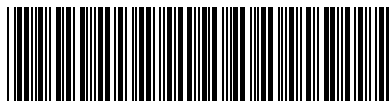




©2009 YAMAHA MOTOR CORPORATION, U.S.A. 6555 KATELLA AVENUE CYPRESS, CA 90630

Yamaha generators are backed by a 2-year* limited warranty, and Yamaha water pumps are backed by a 1-year limited warranty on both parts and labor. See your dealer for details. Read the owner's manual for your generator or pump carefully, and check the maximum wattage output of the generator selected against the maximum wattage requirement of the tool or appliance to be used before operating. Yamaha reserves the right to change specifications without notice. Batteries for EF4000DE, EF5200DE, EF6600DE and EF12000DE not included. 1 year for commercial use. For the Yamaha dealer nearest you, call: 1-800-88-YAMAHA. Printed on recycled paper in the U.S.A.

YAMAHA-MOTOR.COM/GENERATORS



LIT-116EF-FL-09

