

# GENERAC®

## PORTABLE GENERATORS

XP Series • XG Series • GP Series • iX Series





**GENERAC** **XP8000E**

8000 12000

# ■ Power when and where you need it. No matter where you go.

Generac's rugged, dependable portable generators are designed to deliver power wherever you are—from tailgate parties to construction sites. With sizes up to 17500 watts, you can take your power with you wherever you need it.

## **XP Series** 4000 – 8000 kW

Professional-grade units engineered for the rigors of job site requirements.



## **XG Series** 4000 – 8000 kW

The premium in portables - ideal for home, event and job site use.



## **GP Series** 1800 – 17500 kW

Affordable, general purpose power. The widest range of power in the industry.



## **iX Series** 800 – 2000 kW

Light, compact inverter units are extra quiet. Ideal for camping and tailgating.



The limited warranty reflected by the Good Housekeeping seal means that if a product bearing the seal is defective within the first two years of purchase, Good Housekeeping will replace the product or refund the purchase price.

The Good Housekeeping seal has been awarded to Generac's GP and XP Series portable generators.



**GENERAC**

GP3500

Specifications: 3500 Watts (3000 Running)  
115V/60Hz  
1.5L/1.5kW Fuel Tank

# More features. More choices.

Generac's portable generators come with features other generators don't have – easy to use controls, clean power and hardened steel tubing are a few of the extras that make a Generac portable generator a smart choice.

## GENERAC'S OHVI® ENGINE

Generac's OHVI engine provides exceptionally long life and outstanding fuel economy.

## TRUEPOWER™ TECHNOLOGY

TruePower Technology delivers best-in-class power quality for confident operation of power tools, computers and more. With less than 5% total harmonic distortion, you're assured of quality and performance as smooth and consistent as the power from regular electrical outlets.

## HOUR METER AND FUEL GAUGE

A portable generator should always be ready to go. Generac added maintenance reminders right into the hour meter, so scheduled maintenance is easy to track and follow. A convenient fuel gauge provides at-a-glance monitoring of fuel levels.

## CSA AND CARB EMISSIONS

Generac offers the widest range of CSA certified and CARB certified units of any manufacturer.



### Electric Start Models

While Generac's manual pull start is easy to use, electric start models are practically effortless. Just push a button and the generator starts right up. Electric start models are also equipped with a manual pull start for backup.



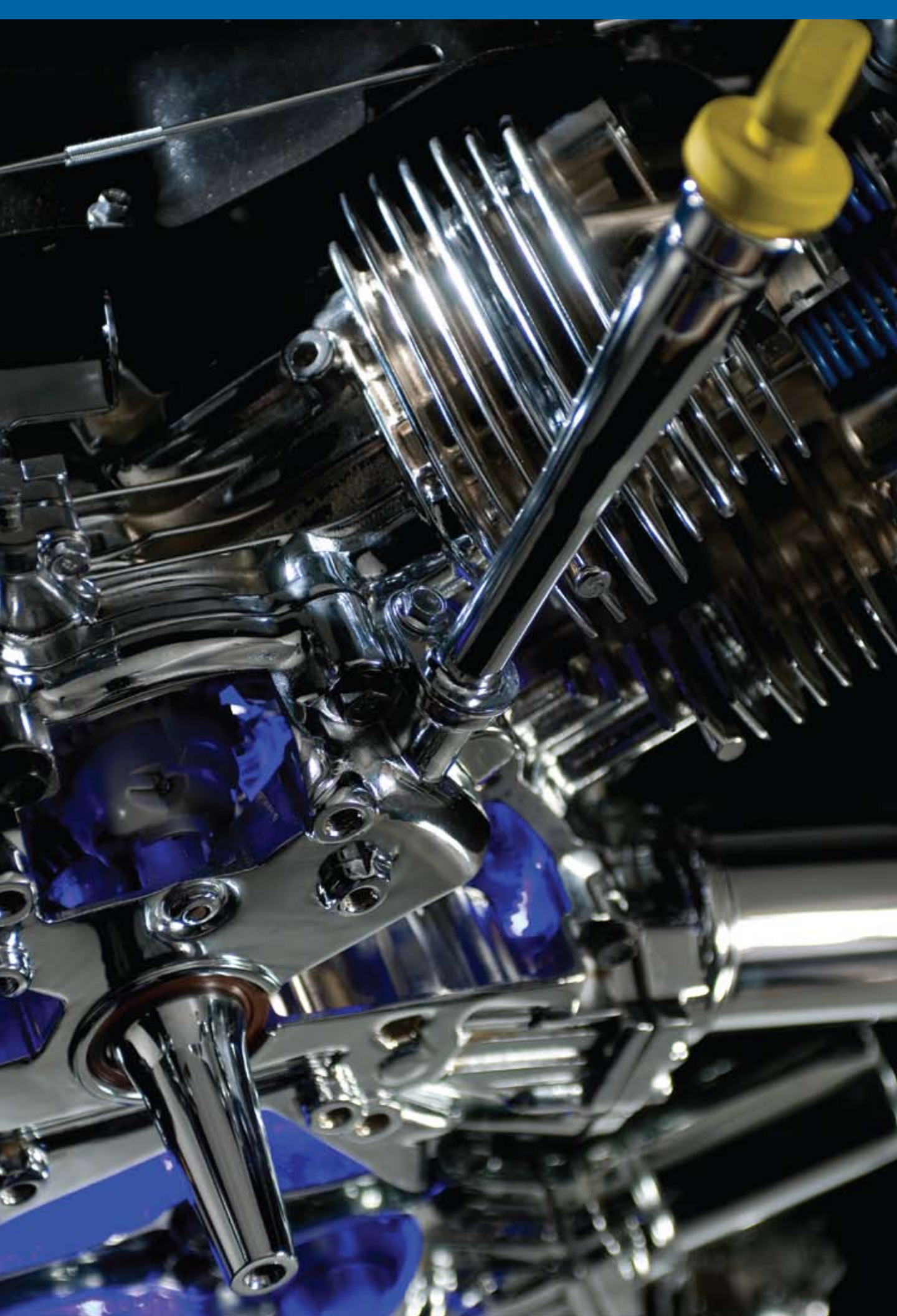
### Hardened Steel Tube Cradle

The hardened steel tube cradle is virtually dent-free and extra durable compared to standard steel tubing. The  $\frac{3}{4}$ " tubing itself is premium sized, a full  $\frac{1}{4}$ " thicker in diameter than most competitors' models.



### Never-flat Wheels and Fold-down Locking Handles

Never-flat wheels have heavy-duty load capacity and provide increased mobility and improved traction. Lock the handles in place when needed; easily fold down for storage and safety.



# The OHVI® engine.

## THE ENGINE DESIGNED SPECIFICALLY FOR GENERATOR USE

Why is this important? Portable generators are often required to run for hours at a time, day after day. Generac's OHVI engine utilizes the same type of pressurized oil lubrication used to give automobile engines long and trouble free lives and has a significantly longer life than competitive engines - an unprecedented three to four times longer. You can be assured of reliability for applications requiring long run times like job sites, day-long events, and emergency backup. Powers the XG and XP Series and select models from the GP Series.

### *Generac's OHVI engine has advanced features not found in other engines:*

Generac OHVI engine	OHV/Lawn mower engines
<b>Low Oil Pressure Protection</b> When low oil level or overheated oil is detected, engine shuts down to prevent damage.	<b>No Oil Level Protection</b> Engine continues to run even when oil level is low, possibly causing serious damage.
<b>Pressurized Lubrication System</b> Positively lubricates from start-up to shut-down by pumping oil directly to every critical area.	<b>Splash Lubrication</b> Internal engine action splashes oil on moving parts, missing critical friction areas.
<b>Automotive Grade Spin-on Filter</b> Full pressure lubrication system allows for use of automotive grade oil filter to remove dirt and carbon solids.	<b>No Filter</b> Many OHV engines do not have oil filtration, relying only on oil changes to drain out impurities. This allows harmful debris to end up in the engine.
<b>X-Torq™ Governor</b> Fastest responding governor available. Maximizes engine performance and virtually eliminates stalling.	<b>Slow Governor</b> A slow governor can result in poor/low voltage, potentially damaging to electronics.

**Dual Element Air Filter**  
Protects the engine from dirt and extends service intervals, even in the toughest working environments.

**Low Effort / One Pull Starts**  
The oversized recoil and high-efficiency decompression system reduces the effort required to pull the recoil (located on the other side of the engine).

**Low Oil Pressure Protection**  
Protects the engine from damage due to improper lubrication. It senses oil pressure and will shut down the engine if the oil level becomes dangerously low, or if the oil overheats and loses viscosity. This system is far superior to other systems that only sense oil level.

**X-Torq™ Governor**  
The fastest responding governor available. Maximizes engine performance and virtually eliminates stalling.

**Automotive Grade Spin-on Oil Filter**  
Full pressure lubrication allows the OHVI engine to use an automotive grade oil filter. This filter removes dirt & carbon solids that cause premature engine wear, ensuring long engine life.

**Pressurized Lubrication System**  
OHVI engines are positively lubricated from start-up to shutdown by a lubrication system that pumps oil directly to every critical engine bearing and at greater angles of operation.

# What will it power?

Use the chart below to determine your wattage requirements.

	Device	Running Watts
<b>CONSTRUCTION</b>	Table Saw	1750 - 4000*
	Air Compressor - 1 HP	1600
	Circular Saw - 7¼"	1400
	Quartz Halogen Work Light	1000
	Belt Sander - 3"	1000
	Air Compressor - ¼ HP	975
	Reciprocating Saw	960
	Paint Sprayer - Airless	600*
	Battery Charger	500
<b>HOME</b>	Sump Pump ½ HP*	2100
	Electric Stove - 8" Element	2100
	Microwave - 1000 Watts	1500
	Well Pump	1000
	Coffee Maker	1000
	½ HP Garage Door	875
	Computer with a 17" Monitor	800
	Refrigerator / Freezer	700
	Color TV - 27"	500
	Security System	500
	Light Bulbs - 60 / 70 Watt	60/70
<b>OUTDOORS</b>	Chain Saw	1200
	Lawn Mower	1200
	Weed Trimmer	500
	Edge Trimmer	500
	Hedge Trimmer	450
<b>EMERGENCY</b>	Sump Pump ½ HP	2100*
	Refrigerator / Freezer	1200*
	Fan	200
	Lamp	100
	Radio / Television	50 - 300
<b>EVENTS</b>	Electric Grill	1650
	Outdoor Light String	250
	Box Fan	200
	Radio / CD / DVD Players	50 - 200
	Inflator Pump	50*
<b>HEATING &amp; COOLING</b>	Heat Pump	4700
	Central AC – 24,000 BTU*	3800*
	Window AC – 12,000 BTU*	3250*
	Space Heater	1800
	Central AC – 10,000 BTU*	1500*
	Furnace Fan Blower – 1/3 HP	700*
	Humidifier – 13 Gal.	175

\* Allow three times the listed watts for starting these devices.



OUTDOORS -  
HOME -  
EMERGENCY -  
EVENTS -  
CONSTRUCTION -



## XP SERIES 4000-8000 Watts

The undisputed workhorse of the portable market, Generac's professional grade XP Series of portable generators are engineered specifically with contractors and construction sites in mind. All models are powered by the Generac OHVI® engine.



### FEATURES:

- **Generac OHVI® Engine**  
Powers all models
- **Engine Protection**  
Low-oil pressure shutdown detects low oil level and shuts engine down to prevent potential engine damage
- **Covered Outlets**  
Provides added protection from the environment and rugged working conditions
- **Start/Stop Fuel Shut-off and Choke Controls**  
Conveniently located on control panel
- **Circuit Breaker Outlet Protection**  
Includes dual breakers on 120/240V outlets and GFCI protection on 120V outlets
- **Plug-in Battery Charge Jack**  
Keep the battery charged and ready to go - included on electric start models
- **Maintenance Kit Included**
- **Lifting Eye Available** as an accessory

### The XP Series Gets the Job Done

XP units are noticeably more substantial than most portable generators, sporting impact-resistant corners, oversized full-wrap frame tubing, and integrated handle supports engineered as part of the casting for added durability. Brackets are also integrated instead of being bolted on for additional strength.



XP SERIES	XP4000	XP6500E	XP8000E
OHVI® Engine	•	•	•
TruePower™ Technology	•	•	•
Electric Start w/ Battery		•	•
Never-flat Wheels & Fold-down Handles	•	•	•
Impact Resistant Corners		•	•
Cord Set Included	20' 20 Amp w/4 outlets	20' 30 Amp w/4 outlets	20' 30 Amp w/4 outlets
Warranty	3 Year Limited Residential 2 Year Commercial	3 Year Limited Residential 2 Year Commercial	3 Year Limited Residential 2 Year Commercial



## XG SERIES 4000-10000 Watts



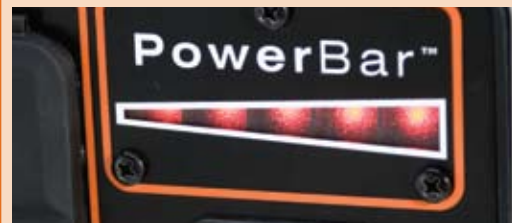
The premium XG Series models come loaded with features that make owning and using a portable generator easy. Comprehensive and accessible controls are user-friendly, and the heavy duty design with full-wrap frame tubing is engineered for years of dependable use.

### FEATURES:

- **Generac OHVI® Engine**  
Powers all models
- **Engine Protection**  
Low-oil pressure shutdown detects low oil level and shuts down to prevent potential engine damage
- **Covered Outlets**  
Provides added protection from the environment and rugged working conditions
- **Start/Stop Fuel Shut-Off and Choke Controls**  
Conveniently located on control panel
- **Circuit Breaker Outlet Protection**  
Includes dual breakers on 120/240V outlets and GFCI protection on 120V outlets
- **Plug-in Battery Charge Jack**  
Keep the battery charged and ready to go - included on electric start models

### User-Friendly Illuminated Control Panel

Portable controls are often awkwardly placed and difficult to reach. The user friendly controls on the XG series are conveniently located and illuminated – especially helpful in an emergency when a flashlight can't be found. Includes start / stop fuel shut-off, choke controls, and Power Bar™ to easily monitor wattage usage.



XG SERIES	XG4000	XG6500	XG7000	XG7000E	XG8000	XG8000E	XG10000E
<b>OHVI® Engine</b>	•	•	•	•	•	•	•
<b>Electric Start w / Battery</b>				•		•	•
<b>Never-flat Wheels &amp; Fold-down Handles</b>	•	•	•	•	•	•	•
<b>Hour Meter / Power Bar</b>	•	•	•	•	•	•	•
<b>Warranty</b>	2 Year Limited Residential 1 Year Commercial	2 Year Limited Residential 1 Year Commercial	2 Year Limited Residential 1 Year Commercial	2 Year Limited Residential 1 Year Commercial	2 Year Limited Residential 1 Year Commercial	2 Year Limited Residential 1 Year Commercial	2 Year Limited Residential 1 Year Commercial



# GP SERIES 1800-17500 Watts

Power the fun stuff or cover an emergency with a GP Series portable generator. Affordable reliability and features not usually found on basic portable models make these a favorite for home use, camping, job sites or outdoor events.



## 1800-8000 FEATURES:

- **Hardened-Steel Tube Cradle**  
Gives extra durability and strength for years of service
- **Generac OHVI® Engine**  
On several models
- **Engine Protection**  
Low-oil shutdown detects low oil level and shuts engine down to prevent potential engine damage
- **Electronic Overload Protection**  
Circuit breaker protected
- **Low-Tone Muffler**  
For added noise reduction

## 15000 and 17500 FEATURES:

In addition to the above features, these units include:

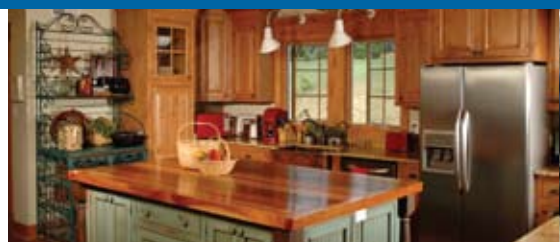
- **16-Gallon Fuel Tank**  
Allows for extended run times
- **Idle Control**  
Increases fuel efficiency
- **Wheel Kit and Lifting Eye**  
Included

### The Most Emergency Portable Power

Power outages usually occur without warning. Ideally, a homeowner is prepared with an automatic home standby generator installed and always ready to go. However, if a portable generator is the only option for backup power during an emergency, the GP Series 17500 Watt unit is the ultimate option, with enough power to run a 5-ton air conditioner and more. Also an ideal choice for job sites with high power requirements.



GP SERIES	GP1800	GP3250	GP5000	GP5500	GP6500	GP7000	GP7000E	GP8000	GP8000E	GP15000E	GP175000E
<b>OHVI® Engine</b>						•	•	•	•	•	•
<b>Electric Start / Battery</b>							•		•	•	•
<b>Never-flat Wheels &amp; Fold-down Handles</b>			•	•	•	•	•	•	•	Never-flat wheel only	Never-flat wheel only
<b>Hour Meter</b>			•	•	•	•	•	•	•	•	•
<b>Warranty</b>	2 Year Limited Residential 1 Year Commercial	2 Year Limited Residential 1 Year Commercial	2 Year Limited Residential 1 Year Commercial	2 Year Limited Residential 1 Year Commercial	2 Year Limited Residential 1 Year Commercial	2 Year Limited Residential 1 Year Commercial	2 Year Limited Residential 1 Year Commercial	2 Year Limited Residential 1 Year Commercial	2 Year Limited Residential 1 Year Commercial	2 Year Limited Residential 1 Year Commercial	2 Year Limited Residential 1 Year Commercial



# iX SERIES Inverters 800-2000 Watts



Designed for life on the road, Generac's iX Series is lightweight and durable – almost anyone can handle this compact unit. Inverter technology gives these units less than 3% total harmonic distortion, providing clean and stable power that safely powers laptops, TVs, power tools and other sensitive electronics. Ideal for camping, tailgating and recreational use.

## FEATURES:

- Lightweight & Compact**  
 Up to 40% lighter than a standard generator of equal watts. Built-in handle – move with minimal effort.
- Super Quiet & Campground Friendly**  
 Full enclosure drastically reduces noise
- FlexPower™ for Operation Mode Options**  
*High mode* – for large loads or battery charging  
*Eco mode* – to save fuel and reduce noise even more
- Electronic Overload Protection**  
 Circuit breaker protected
- At-a-glance Status Lights**  
 LED lights on the control panel indicate system status
- Engine Protection**  
 Low-oil shutdown detects low oil level and shuts the engine down to prevent potential engine damage

### How Inverter Technology Works

Inverter generators utilize a different type of alternator than standard generators to generate AC power. The raw power produced is converted from DC to AC power by a digital inverter module. The engine speed varies depending on load, which significantly reduces noise and fuel consumption compared to a standard portable.

The end result is a portable generator with reduced weight and size and power that is ultra-clean, capable of safely powering sensitive electronics.

iX SERIES	iX800	iX1600	iX2000
FlexPower™	•	•	•
Low Oil Shutdown	•	•	•
< 3% Harmonic Distortion	•	•	•
Warranty	2 Year Limited Residential 6 Months Commercial	2 Year Limited Residential 6 Months Commercial	2 Year Limited Residential 6 Months Commercial



# Portable generator safety tips

Always read the Owner's Manual and instructions for your generator. Carefully follow all instructions and warnings in order to safely start and operate the generator. Do NOT cut corners when it comes to safety.

These tips are merely supplemental and are not intended to substitute reading of the Owner's Manual.

## CARBON MONOXIDE AND VENTILATION

- Using a generator indoors CAN KILL YOU IN MINUTES. Exhaust contains carbon monoxide, a deadly poison gas you cannot see or smell.
- NEVER run a generator indoors or in partly enclosed areas such as garages.
- ONLY use outdoors and far from windows, doors, vents, crawl spaces and in an area where adequate ventilation is available and will not accumulate deadly exhaust gas.
- Using a fan or opening doors and windows will not provide sufficient ventilation.
- It is recommended that you install battery operated Carbon Monoxide alarms/detectors indoors according to manufacturer's instructions / recommendations.

## GASOLINE, FUELING AND BURN SAFETY

- Gasoline is extremely flammable and explosive.
- If tank is over-filled, fuel can overflow onto a hot engine and cause fire or explosion.
- Do not overfill the fuel tank. Always allow room for fuel expansion.
- Never add fuel while unit is running or hot. Allow generator and engine to cool entirely before adding fuel.
- Never store a generator with fuel in the tank where gasoline vapors might reach an open flame, spark or pilot light.
- Do not smoke near fuel or generator.
- Many generator parts are hot enough to burn you during operation and while the generator is cooling after turning off. Avoid coming into contact with a hot generator.

## ELECTROCUTION HAZARD AND ELECTRICAL SHOCK HAZARDS

- Connecting a portable electric generator directly to your household wiring can be deadly to you and others. A generator that is directly connected to your home's wiring can 'back feed' onto the power lines connected to your home and injure neighbors or utility workers.
- Do not connect your generator directly to your home's wiring or into a regular household outlet.
- Always start or stop the generator only when no electrical loads are connected.
- Overloading your generator can seriously damage your valuable appliances and electronics. Do not overload the generator. Do not operate more appliances and equipment than the output rating of the generator. Prioritize your needs. A portable electric generator should be used only when necessary, and only to power essential equipment.
- Use the proper power cords. Plug individual appliances into the generator using heavy-duty, outdoor-rated cords with a wire gauge adequate for the appliance load. Overloaded cords can cause fires or equipment damage. Do not use extension cords with exposed wires or worn shielding.
- Do not operate the generator in wet conditions such as rain or snow.
- The generator must be properly grounded. If the generator is not grounded, you run the risk of electrocution. We strongly recommend that you check and adhere to all applicable federal, state and local regulations relating to grounding.

## GENERATOR PLACEMENT AND OPERATION

- Keep children away from portable generators at all times.
- Allow at least five feet of clearance on all sides of the generator when operating.
- Generators can be used during a wide variety of weather temperatures, but should be protected from the elements when not in use to prevent shorting and rusting.
- Operate the generator only on level surfaces and where it will not be exposed to excessive moisture, dirt, dust or corrosive vapors.
- Inspect the generator regularly and contact the nearest authorized dealer for parts needing repair or replacement.
- Always disconnect the spark plug wire and place the wire where it cannot contact the spark plug to prevent accidental starting when setting up, transporting, adjusting or making repairs to the generator.

# Frequently Asked Questions

## **Where is the engine made?**

The engines used on the Generac XP and XG Series of portables are manufactured at our Generac Power Systems, Inc. factory in Whitewater, WI. Generac engines are industrial grade engines designed to provide the ultra-quiet, longer-lasting performance required of portable generators. Generac OHVI® industrial engines run three to five times longer than competitive SV/OHV lawn mower style engines.

## **What is the difference between rated watts and maximum (surge) watts?**

Rated watts describe the amount of power the portable generator can produce continuously. Maximum wattage is the power that the generator can produce for short periods of time. Motor starting is a good example of maximum wattage requirements.

## **What type of oil is recommended? How often should it be changed?**

Above 40°F, use SAE 30. Below 40°F and down to 10°F, use 10W-30. Below 10°F, use synthetic 5W-30. Oil should be changed after the first 8 hours of operation and every 100 hours of run time thereafter.

## **What type of gasoline is recommended?**

Use clean, fresh unleaded gasoline with a minimum 85 octane rating. Do not use any gasoline with more than 10% added ethanol. Never use E85 gasoline. Do not mix oil with gasoline.

## **How often should I perform routine maintenance?**

The maintenance schedule for your portable generator is in the owner's manual.

## **Does the portable generator need to be grounded?**

Yes. For safety, the generator must be properly grounded. If it's not grounded, you run the risk of electrocution. We strongly recommend that you check and adhere to all applicable federal, state and local regulations relating to grounding.

## **Should the fuel be drained when storing the portable generator for more than 30 days?**

Yes. It is highly recommended that you drain the fuel from the tank and run the carburetor dry. OHVI engines meet EPA and CARB regulations and are less tolerant of stale fuel.

## **Can I vent the exhaust out of an enclosed area?**

No. Never run the generator in the home or an enclosed area. Portable generators are designed to run outside where there is plenty of ventilation.

## **Can the generator be used during inclement weather?**

Generators can be used during a wide variety of weather temperatures, but should be protected from the elements when not in use to prevent shorting and rusting. NEVER run a generator indoors.

## **I can't locate my original owner's manual. How can I get another copy?**

Owner's manuals can be found online at [generac.com](http://generac.com) under Service and Support.

## **Where can I find a GENERAC dealer in the U.S. or Canada?**

To locate a dealer near you, please refer to our Dealer Locator section on [generac.com](http://generac.com) or call our Automated Dealer Locator (for U.S. locations only) at 1-800-333-1322.

## **Where do I go to have warranty repairs performed?**

Any Authorized Generac Portable Service dealer can perform warranty service. To locate a dealer near you, please refer to our Dealer Locator section on this Web site or call our Automated Dealer Locator at 1-800-333-1322, 24/7/365. Our Authorized Service Centers provide parts, service and information on Generac equipment, regardless of where it was purchased. Authorized Service Centers are staffed with trained technicians certified in supporting all aspects of the Generac portable generator line.

## PORTABLE POWER SINCE 1959

Since the original portable that started it all in 1959, Generac has continued to engineer advances in standby power for more than fifty years. Generac's product range now includes power solutions from RV, portable, and automatic home standby generators to backup systems for commercial and industrial applications, all backed by an extensive nationwide service network of certified dealers. Because of our ongoing commitment to quality and innovation, Generac is the name home and business owners have come to trust.

## INSTALL THE #1 SELLING HOME STANDBY GENERATOR

Installing the #1 selling home standby generator from Generac provides home and family with true security – automatically - during power outages. While portable generators are an excellent option for many applications, installing an automatic standby generator means no more hassles from setting up a portable in the dark, gas cans and extension cords. Generac has more home and business automatic standby options than any other manufacturer.

## PORTABLE PARTS AND SERVICE

Generac portable generators are supported through an extensive Nationwide service network that provides parts and technical support to homeowners and contractors. For a portable generator dealer near you, visit [generac.com](http://generac.com).

**GENERAC**<sup>®</sup>

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