Home or Cottage

GENERATORS

BUYING GUIDE

GENXPERT
SALES & SERVICE
DIVISION OF M.R. BLAIS SALES & SERVICE INC.

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Michel Blais

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Dear future generator owners,

In the next few pages, I will try to mentor you, step by step into the process of buying a generator for your home. I will take the time to teach you the basic information, knowledge, and all the options you will need to consider before you buy a generator. I am attached that you get all the information required to make a well-informed buying decision, and I will stay detached from the decision you will need to make in the end.

First, this new ***Generator Buying Guide*** will present the different types of generators that are available in the marketplace. You will understand that your choice and the generator you will purchase may vary depending on your geographic location and the choice of utilities/fuel you have access to. But first, let's get something important out of the way. Having a generator hooked up to your home is not considered a foolish expense, but rather a sound and solid investment. It will present an added benefit to you while you own your present home, but it will also offer a distinctive value to the future owners and may very well influence their buying decision.

Second, we will help you calculate the size of the generator you will need and should buy. We will supply you with a comprehensive and exhaustive list of all the load wattages and running wattages for each appliance or utilities present in a house, cottage, business, and evening when you go camping. From that in-depth list, you will be able to select all the appliances and utilizes that you consider being important and necessary in a state of emergency in which, your generator might need to supply power. We will show you different examples of generators, their sizes, and the power they can generate.

Finally, you will be able to start shopping for a generator that matches your needs, and also your budget. We will also show you all the components of installing a permanent, standby generator hooked up to your home compared to owning a portable generator. We will try to show you in a non-bias way, the benefits and the shortfall for each model. You will also notice that we have included a general price list for further guidance.

I truly believe that this guide will help any first-time generator shopper to make the most solid, sound, and well-informed decision possible. At any moment in this process that you are not certain or may desire additional information about generators in general, rest assured that you are only at a phone call or email away from the answer you are looking for. We offer a nonsalesy and consultative approach to buying a generator. This is not a black-and-white decision. Buying the right unit to supply power to your home in case of emergency or power outages, requires a thorough research process and broad questioning on your part.

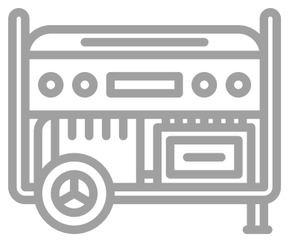
We only hope that the "Generator Buying Guide" will answer all the questions you will have and the peace of mind and the proper information from one of the leading authorities on generators in the region and their 20+ years of experience in generator sales, repair, and maintenance.

Yours truly,

Michel Blais

MOST POPULAR QUESTIONS

What type of generator should I purchase for my home?



How do I know what size of generator that I would need?

What vital information must I know before buying a generator?

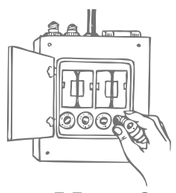
Where can I find a generator expert?

Best place to buy a generator?

What price range should I expect when buying a generator?

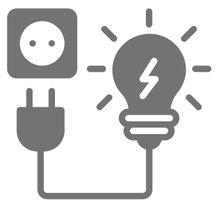
Should I buy a portable generator compared to a Standby generator?

How to hook up my new generator?



Can my portable generator start automatically in case of a power outage?

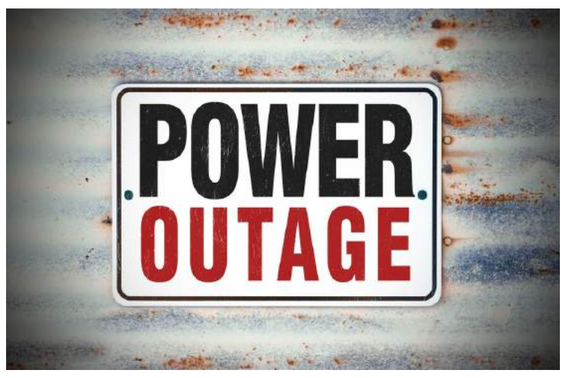
What type of fuel is required to run a generator?



How long can a generator run for?

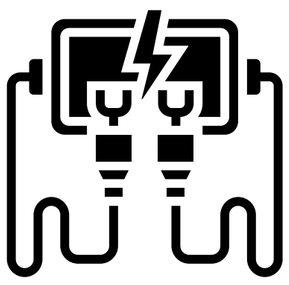
What are the most commonly overlooked expenses when buying a generator?

What type of value does a standby generator add to my home?

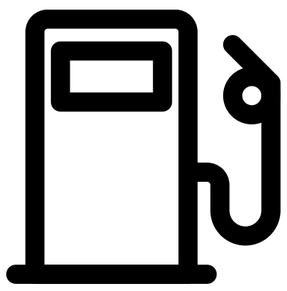


What type of fuel does a generator runs on?

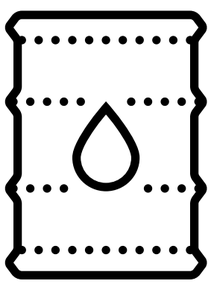
GENERATOR FUEL POWER CATEGORIES



•BATTERY PACK

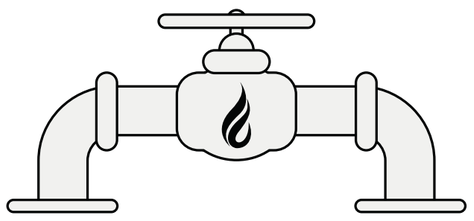


GAS



DIESEL

PROPANE



NATURAL GAS

7 TYPES OF GENERATORS

GENERATOR TYPE

Inverter Generator

PURPOSE

- Smallest generator on the market today
- You can plug a fridge, a computer, or any singular appliance à
- This portable unit is good for your home, camping, or doing small outdoor jobs that require power.

Portable Generator

- Can be used to supply emergency power to your home.
- It is not recommended to plug a computer into this type of model.
- You need to start it to access power.
- It can run up to 10 hours

Standby Generator

- A most popular model for homeowners
- This model demands a permanent installation and direct connection.
- You can supply power to almost everything in your home with this model
- A standby generator can be fueled by natural gas, propane or diesel.

Commercial Generator

- This is the standby generator model for large properties, farms, retirement homes, hotels, commercial and industrial buildings.
- Whatever the size of power required, a commercial generator can supply it.

PTO Generator

- A PTO Generator is a generator that is attached to a Power-Take-Off of a tractor
- This model is popular for farmers with large properties and multiple buildings to feed power to.
- This model can feed your house power supply needs easily. You just need a good tractor to connect to.

RV Generator

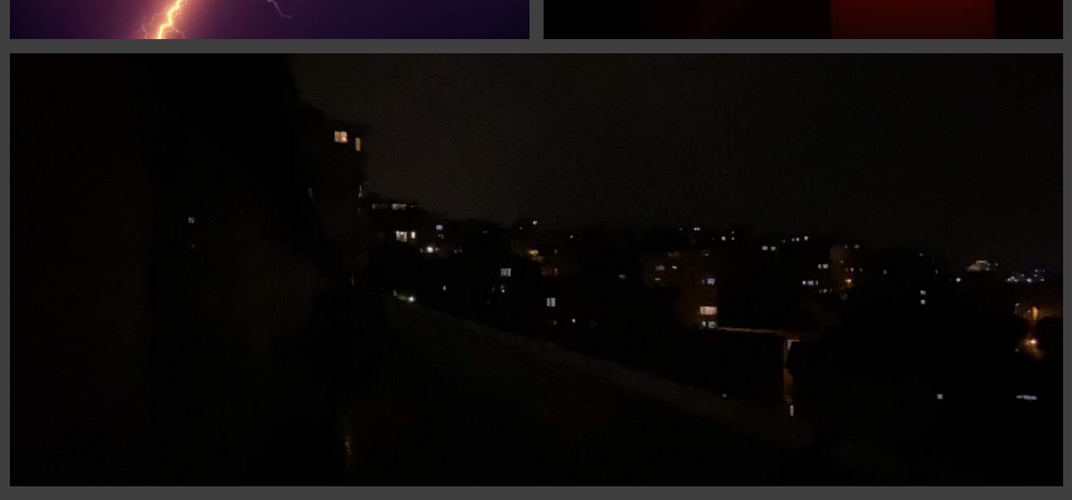
- The RV Generator model is mostly found in recreational vehicles, motorhomes, and motor coaches.
- You can also find this type of generator on a large truck too.

Towable Generator

- The RV Generator model is often used on commercial construction projects, roadside repair projects or to supply emergency power to a building or home.
- This model has a commercial capacity and can offer a larger power capacity.

"The most common reason why people buy a generator is to feel safe in their house during a power outage"

In general, people will purchase a generator for multiple reasons such as immediate power supply to run their major appliances, provide lighting and heating or cooling to their home. Some of them want a generator for a cottage, a barn, their place of work.



We have included a list of the top 10 reasons why people invest in a home or cottage generator.

- People want to feel and keep safe in their homes during a storm
- Supply power to critical and luxury appliances when the power is out.
- Keep the food in the fridge and freeze fresh and cool
- Power supply to their sump pump if you live in rural areas
- Access water supplied by their good pump
- Keeping the lights on when required
- Plug cell phones, tablets, and computers that may depend on batteries to stay fully charged.
- Keeping their security alarm on at all time
- People who own an electric car
- Loved one requiring power supplied to medical equipment

FIRST - KNOW YOUR REAL NEEDS

Do you feel you need a generator to power up your house, cottage, or place of work? If you do, start by asking yourself what you absolutely, unquestionably, and categorically need your new generator to supply power to during an electrical outage. It might be that you desire to plug in some appliances and have a few lights on? What about computers or home electronics? Do you have a family member that depends upon electric power to run medical equipment?

STEP 1: IDENTIFY YOUR BASIC EMERGENCY POWER SUPPLY NEEDS

This new "Generator Buying Guide" was carefully crafted and engineered for first-time home generator buyers. We will kick off the process with a list of general key points to consider. These simple questions are designed to help you reflect, ponder and recognize what is truly important, and what is not when there is no electricity. Even, the present pandemic conditions made us aware of how dependant we have become on a fully functioning home, day or night. Finally, this digital handbook will assist you to address the different power supply needs in all fours seasons that our beautiful country is giving us. You will find the "Emergency Generator Power Supply List" for you to fill out on page 13 of this guide.

Will I need lights in your house?

- When you will consult the "Emergency Power Supply Chart" on pages 9 to 12, you will be presented with the different power wattages requirements for each type of lighting system. You will also realize how much lighting do one really needs.
- Then, we will invite you to consider if you will require outside lights during a power outage? *Everyone's needs are different.

Will I need to heat my house in the winter or colder seasons?:

- What type of heating system is in function in your home right now?
- Electric heating? Natural Gas? Propane? Heat pump? Others?
- If you work from home as many of us do right now, will you prefer to have enough power to run your air conditioner?

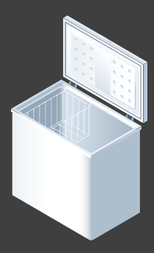
Do you live in the city or rural areas?

- If you live in rural areas, you will need to confirm if you need to run your sump pump or well pump for your home.
- But, if you live in a city or in a community where you have water supplied by your municipality, this will not be an issue.

Will you need to cook or warm up a meal or two?

- If you do, you will have to allow the necessary power supply to your stove, or maybe a microwave too.
- What about a blender or your famous coffee machine?

What about your fridges and freezers?



- Most of us will recognize that the fridge and freezer(s) are on the top of the emergency power supply list.
- What you will need to envisage is that some types of fridges or freezers demand more power than others.
- Again, you can find all the starting wattages requirements and the running wattages needs on pages 9 to 12.

Are you working from home? Pandemic or not?

- For many of us, remote work has become our new reality.
- Will you need to consider a continuous uninterrupted power supply to your computer, printer, internet router?
- What about your mobile phone chargers?
- Will, you need a portable or ceiling fan to keep fresh and focused?
- Do you have kids? You will need to consider if the present pandemic will force back, kids to do e-School at home again?

What if the power outage lasts for a few hours or even a day or two? What else should you put on that list?

- Have you considered hooking up your alarm system to your emergency power supply list? If you are not home, this could be vital.
- What about power tools? Are you considering urgent repairs caused by a storm or even adding extra protection to your home?
- Do you want to plan power attributed to your garage door in case of power loss?
- In case of longer power outages, do you need to reserve power for your washer and dryer as well?
- What about laundry? No one can predict how long a power outage may last.

WHAT APPLIANCES OR UTILITIES SHOULD I CONSIDER ?

We have compiled for you, a short summary of the most popular appliances and utilities that you will need to consider on your "*Emergency Generator Power Supply Needs" lis*t. This process will encourage you to rethink your whole family needs, including aging parents who may need extra care and could stay with you while the power is out.

HIGHEST PRIORITY

- **Indoor Lights**
- **Fridge(s) / Freezer(s)**
- **Water Pump** **If Applicable*
- **Sump Pump** **If Applicable*
- **Stove**
- **Electric Heating**
- **Gas Furnace**
- **Medical Equipment** **If Applicable*

NEXT LEVEL PRIORITY

We all know that we need basic lighting in your home or cottage in case of a power outage. We also realize that keeping the fridge and freezer on are also of the highest importance. Now that you are fully aware of what you absolutely need, what about all the other elements of everyday life that we take for granted. At GenXpert, our role and intention are to alert you on all the possible causes, effects, and needs that can arise in a power outage.

- **Microwave Oven?**
- **Computers, Phones, Chargers?**
- **Security Alarm System?**
- **AC - Air Conditioner?**
- **Electric Garage door?**
- **Outdoor lighting?**
- **Radio or TV**
- **Coffee Machine?**
- **Hot Water Tank?**
- **Plug for Electric Car?**

HOW TO DETERMINE THE "STARTING WATTAGES" NEEDS?

Most appliances have a greater "Starting Wattages" than the "Running Wattages" provision.

In the example below, the side-by-side fridge and freezer will demonstrate the key distinction and gap between the "***Starting Surge Wattages***" prerequisite and the "***Running Wattages"*** demand. The “starting wattage” is the number of wattages needed to start an appliance. The "Running Wattages" is the energy required to maintain the appliance "ON". In certain cases, the starting surge wattages needed could be two to three times higher than running the appliance.

Let's Plug in the side-by-side Fridge and see

EXAMPLE
SIDE-BY-SIDE FRIDGE & FREEZER

Starting Surge Wattage required	Running Wattages
2000 W	500 W

HOW TO CALCULATE YOUR TOTAL POWER WATTAGES NEEDS?

Once you have completed your "***Generator Emergency Power Supply Needs***" list on page 13 of this guidebook, it's time to add up both columns and write the total in the appropriate section. This simple calculation will require the total needs to ***START*** and to ***RUN*** all appliances and utilities you have written down. This critical step will help you understand what your true wattages needs are and what size of generator you should consider supporting that needs. From that point on, you can add or deduct certain appliances and utilities.

IT’S A TWO-PART EQUATION

(1) Starting Wattages Total

(2) Running Wattages Total

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APPLIANCES & UTILITIES ESTIMATED WATTAGE

MAIN EMERGENCY POWER	Starting Wattages	Running Wattages
light Bulbs	75 SW	75 RW
Light Bulbs Led	9 SW	9 RW
Night Light	1 SW	1 RW
Refrigerator with Freezer	2000 SW	500 RW
Modern Refrigerator	600 SW	400 RW
Side by side Fridge/Freezer	1200 SW	800 RW
Sump Pump	2000 SW	800 RW
Water Pump	2500 SW	1000 RW

HEATING REQUIREMENTS	Starting Wattages	Running Wattages
Furnace Fan (1/2 HP)	2300-2400 SW	800-875 RW
Furnace Fan(1/3 HP)	1400 SW	700 RW
Electric Blanket	400 SW	400 W
Space Heater/electric fan	1800-2000 SW	1800-2000 RW
Heat Pump	4500-12000 SW	4700 RW
Electric Thermal Radiator	500 SW	500 RW
Humidifier *50L	175 SW	175RW

COOLING REQUIREMENTS	Starting Wattages	Running Wattages
Dehumidifier	800 SW	240-650 RW
Attic Fan	900 SW	300 RW
Table Fan	2000 SW	800 RW
Ceiling Fan	70 SW	60 RW
Pedestal Fan	60 SW	50 RW
Window AC (10,000 BTU)	3600-4800 SW	1200 RW
Window AC (12,000 BTU)	9500-10000 SW	3250 RW
Central Air (10,000 BTU)	6000-6500 SW	1500 RW
Central Air (24,000 BTU)	11400-15000 SW	3800 RW
Central Air (40,000 BTU)	6700-24000 SW	6000 RW
Evaporative AC	2600 SW	2600 RW

FAMILY ROOM ELECTRONICS	Starting Wattages	Running Wattages
Mobile phone charger	25 SW	25 RW
Desktop Computer	500-650 SW	100-300 RW
Computer Monitor	30 SW	25 RW
Laptop	50 SW	50 RW
Printer inkjet	30 SW	20 RW
Printer laser	800 SW	600 RW
Radio	100 SW	100 RW
Clock Radio	50-200 SW	50-200 RW
Television	17-300 SW	17-300 RW
AV Receiver	420-450 SW	420-450 RW
Apple TV	6 SW	3 RW
Stereo System	450 SW	450 RW
Xbox, PlayStation 4	90-110 SW	50-85 RW
Treadmill	1100 SW	280 RW

KITCHEN APPLIANCES	Starting Wattages	Running Wattages
Microwave	800-1000 SW	800-1000 RW
Air Fryer	150 SW	1500 RW
Blender	900 SW	300 RW
Coffee Machine	1000-1500 SW	1000-1500 RW
Electric Kettle	3000 SW	1200 RW
Electric Can Opener	170 SW	170 RW
Fryer	1000 SW	1000 RW
Toaster (2-Slice)	1600 SW	850-1000 RW
Dishwasher (Hot/Dry)	2100-3410 SW	2100-3410 RW
Electric Oven	2150 SW	2150 RW
Electric Stove (8 elements)	2600 SW	2600 RW

LAUNDRY ROOM & BATHROOM	Starting Wattages	Running Wattages
Vacuum Cleaner	400 SW	200 RW
Iron	1200 SW	1200 RW
Washing Machine	3400 SW	1150-1500 RW
Gas Clothes Dryer	1800-2500 SW	700-750 RW
Electric Clothes Dryer	6750-11000 SW	5400 RW
Curling Iron	1500 SW	1500 RW
Bathroom Towel Heater	150 SW	50 RW
Heated Bathroom Mirror	100 SW	60 RW
Electric Shaver	35 SW	15 RW
Extractor Fan	12 SW	12 RW
Hair Dryer	1200 SW	1200 RW
Power Shower	18,000 SW	7500 RW

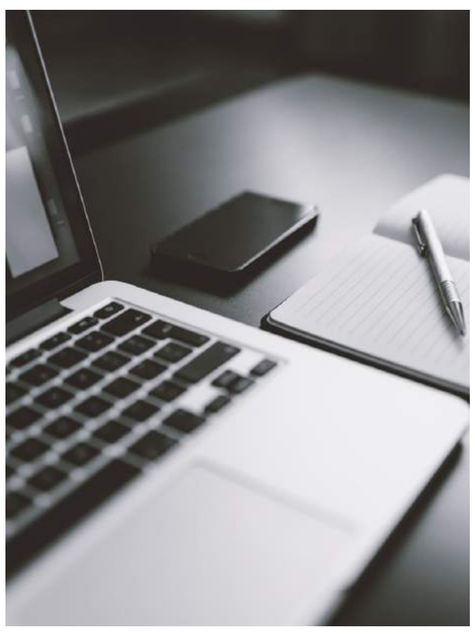
OTHER IMPORTANT ITEMS		Starting Wattages	Running Wattages
Security System		500 SW	500 RW
Deep Freezer		1000-1500 SW	500 RW
Garage Door Opener	1/2 HP	2350 SW	1875 RW
Garage Door Opener	1/3 HP	750 SW	750 RW
Electric Water Heater		4000 SW	4000 RW
Electric Water Heater	Immersion	3000 SW	3000 RW
Electric Water Heater	Tankless	2200 SW	6600 RW

OUTDOOR UTILITIES	Starting Wattages	Running Wattages
Swimming Pool Pump	SW	RW
Entrance Light	SW	RW
Night Light	SW	RW
Outdoor Light String	250 SW	250 RW
Driveway Entrance Light	SW	RW

IT'S TIME TO FINALIZED YOUR "NEEDS" LIST...

Now that you have read and studied this extensive list of appliances and utilities running and starting wattages estimates, you can start drafting your list and write down what you want your new generator to supply power to.





GENERATOR EMERGENCY POWER SUPPLY NEEDS

APPLICANCES/UTILITIES	Starting Wattages	Running Wattages
	SW	RW
	SW	RW
	SW	RW
	SW	RW
	SW	RW
	SW	RW
	SW	RW
	SW	RW
	SW	RW
	SW	RW
	SW	RW
	SW	RW
	SW	RW
	SW	RW
	SW	RW
	SW	RW
	SW	RW
	SW	RW
	SW	RW
	SW	RW
	SW	RW
	SW	RW
	SW	RW
TOTAL	**SW**	**RW**

EMERGENCY POWER LIST CALCULATOR TEMPLATE

GENERATOR TWO-PART EQUATION:

Write down the total wattage for each section based on your "Emergency Power List"

(1) Starting Wattages Total _____ **SW**

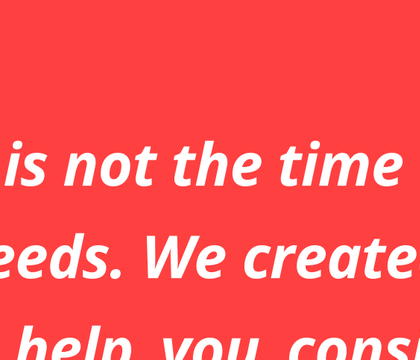
fill in the blank

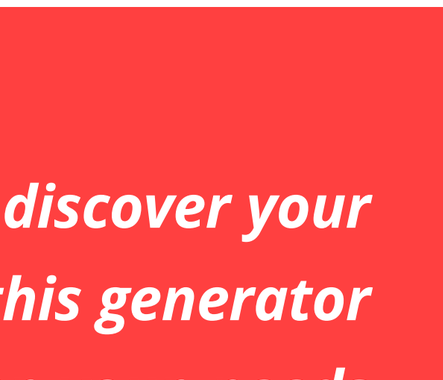
(2) Running Wattages Total _____ **RW**

fill in the blank

> ***An emergency is not the time to discover your home's wattage needs. We created this generator size calculator to help you consider your needs and to help you think about what you would like to power during an outage at your home."***

THE **TRUE POWER** OF A STANDBY GENERATOR





STEP 3: START “GENERATOR SHOPPING”

You can start shopping now, but first thing first. You need to look for a generator that will supply you and your home, ample wattage power to start the required appliances and utilities and to maintain it. Once again, we have to remind you that the wattage required to start an appliance is much greater than to maintain it after. Now that we got that out of the way, let’s look at your options:

3 HOME OPTIONS TO CONSIDER

COMPACT INVERTER

Inverter types: Compact, Portable, Casters
Loading output: 2000-3500 watts on average
Running output: 1800-3000 watts on average
Power Outlet: 1 or 2
Running time: 5-10 hours on average
Fuel: Gas, some models are now battery powered
Fuel Capacity: 1to 2.5-gallons / 2.5 to 10-liters
Start: Pull start or Electric Start
Weight: 20 to 95 lbs / 9 to 40 kg
Price Range: Starting at $700

PORTABLE GENERATOR

Portable Generator Type: Wheeled or Conventional
Loading Output: 1,200 watts up to 17,000 watts
Running Output: 3,000 to 7,250 watts
Power Outlet: 4 Regular 120v, some have 240v
Running Time: 10 to 13 hours on average
Fuel: Most are Gas, some may also be diesel
Fuel Capacity: 4 to 8 gallons *Differ per size
Start: Pull start or Electrical Start
Weight: 250 lbs / 115 kg on average
Price Range: $750+

STANDBY GENERATOR

Standby Generator type: permanent model only
Loading output: 11,000 to 13,000 watts
Running Output: 10,000 to 13,000 watts
Power Outlet: Unlimted when connected to the house
Running time: unlimited if you have natural gas
Fuel: natural gas, propane, diesel
Fuel Capacity: diesel: Propane: 250-Gallon / 946-liter
Start: Automatic Start
Weight: 2000 to 3000 lbs / 908 to 1360 kg
Price Range: Start at $3750 to $12,500 average
Installation: Solid Base Riser, Automatic Smart transfer Switch, Cold Weather Kit, Electric Cables, Electrician, Hydro for Service Disconnect, Gas or Propane Installer company, Generator expert, delivery team.

GenXpert is an authorized Generator Dealer for:

BRIGGS & STRATTON · Power Generation · ECHO BEAR CAT · GENERAC · HIPOWER · Onan · BAUMALIGHT

GenXpert is an authorized Eco-Power Generator Dealer for:

EGO · Makita

THE REAL GENERATOR BUDGET TRAP

SAY YOU WANT TO PURCHASE THAT 13,000-WATT GENERATOR

And, that 13,000-watt generator could power all the following basic amenities for your new home

The price seems fair in relation to all the benefits and peace of mind you will get from this generator

- Indoor Lights
- Central air conditioner
- Electric water heater
- Gas furnace
- Electric garage door
- Refrigerator
- Freezer
- Microwave
- Computer

EXAMPLE ONLY

The model and the price are subject to change without notice. They are used here in this guidebook as a primary example of the cost associated with buying and installing a generator.

IS THAT THE ONLY EXPENSE YOU WILL HAVE TO COVER?

NOPE

If we can give you a small piece of advice, please know that buying a generator from a big box store or from suppliers who's not an expert is not in your best interest. You need a generator specialist and expert with many years of generator installation, repair, and maintenance experience.

The point we are trying to make is that you could be misled or lack the proper information to know what else is required, needed and

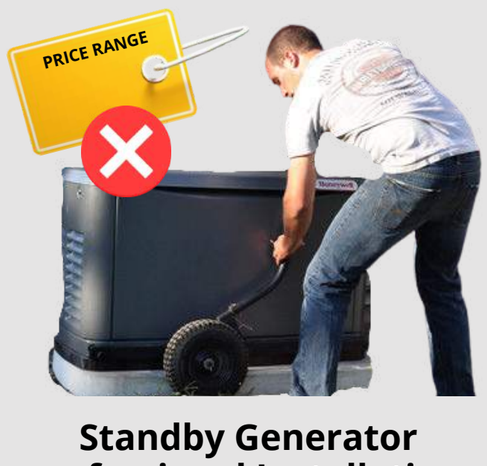
BESIDE THE GENERATOR, THE REST ARE USUALLY NOT INCLUDED OR PRESENTED IN THE ORIGINAL PRICE

Standby Generator Delivery Service

Transfer Switch Electrical Panel

Extreme Cold Weather Kit for air-Cooled Home Standby

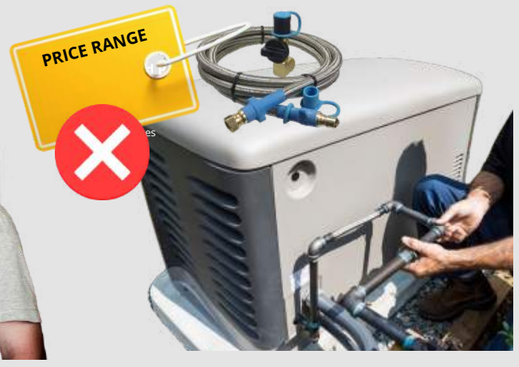
Composite Cement Pad for Standby Generator



Standby Generator professional Installation

Certified Electrician

Hydro Cut-Off Service Crew



Natural Gas Expert

Set up and start up

Working and ready to go

GENERATOR BUDGET TEMPLATE

YOUR STANDBY GENERATOR COMPREHENSIVE BUDGET MODEL

Home Standby Generator $5,495.00

Delivery of the generator to your backyard..... $

Transfer Switch..... $

Extreme Cold Weather Kit ..... $

Composite Cement Pad ..... $

Standby Generator professional Installation ..... $

Hire a "Certified Electrician" to set up Transfer Switch and ..... $
be there on the day of the Hydro Disconnect

Hydro Temporary Disconnect ..... $

Get the "Natural Gaz or propane" expert to install the connection..... $
to the generator *if applicable

Set up the generator and perform the start-up test ..... $

+ applicable taxes

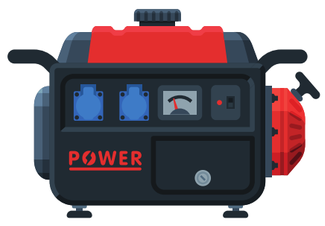
IMPORTANT NOTICES

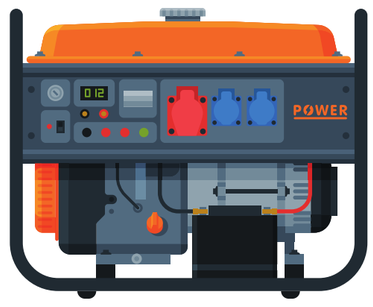
- **Buying a generator is the easiest part. What is a bit more complex is the coordination of all the trades, and the specific tasks that one must do in order to have the installation process go smoothly. Also, you must follow the Ontario or Québec Electrical Safety Code and get a final inspection to start your generator.**
- **You will need to follow the bylaws and code that will assure that you have selected the optimum location for your Standby Generator. Sometimes, the electrical panel and the gas connections are distant from each other. This is why we recommend talking to an expert about this step if you are not certain about the appropriate distancing from your house or windows.**
- **You have the option to manage this project on your own or hire someone like GenXpert to manage the generator installation from start to finish. They have installed above 100+ generators every year.**
- **You can also take care of constructing and building your own generator pad. If you do, you must meet certain standards. Make sure that the location selected is in accordance with the local bylaws and code.**
- **If you don't have an electrician, we can help you select one. Connecting a generator on your own without experience or the proper know-how can be dangerous. If you are buying a small compact inverter generator or a portable generator and you are not planning on connecting to your house directly, you will not require a certified electrician.**
- **You will need to contact your Hydro provider and schedule the next available date for the Hydro Temporary Disconnect. This step is mandatory and you could expect up to 4-6 weeks to get the next best appointment.**
- **You will need to consider the natural gas or propane hook-up as well. Unless you have selected a diesel generator, you will need to get your professional provider for the connection. If you are to select propane as your source of fuel, take into consideration that you might need an extra tank to be installed near your generator.**

GENERATOR SAFETY AWARNESS

GENXPERT
SALES & SERVICE
DIVISION OF M.R. BLAIS SALES & SERVICE INC.

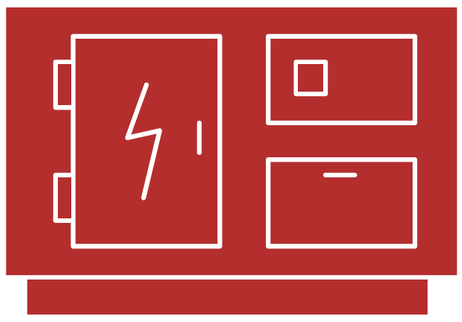
We highly recommend that a CO Detector be installed in your home





Compact/Portable Generator

- Must be at least 18 inches / 45 cm away from your house
- Must have a minimum of 5 feet / 155 cm from a door or window
- The exhaust must be directed away from the house & windows



Standby Generator

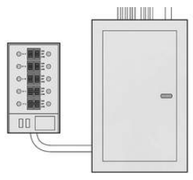
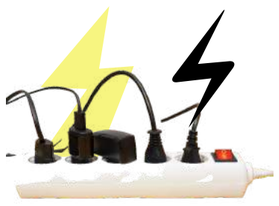
- Must be at least 18 inches / 45 cm away from your house
- Must have a minimum of 5 feet / 155 cm from a door or window

⚠ NEVER EVER RUN YOUR GENERATOR IN YOUR HOME OR GARAGE

PORTABLE GENERATOR SAFETY TIPS

- Do not connect your generator directly to your home writing / electrical panel board. This action may pose a serious hazard and danger to anyone working on powerlines
- Do not plug a portable generator into an electrical outlet in your home or garage
- Do not overload the capacity of the generator. Overloaded cords can overheat and cause fires. Small gasoline engines can sometimes backfire, causing sparks. We also recommend that you use a heavy-duty extension cord to connect appliances.
- Do not refuel a hot generator, and do not store gasoline or diesel containers indoor
- Be certain that your generator is properly grounded
- Always read carefully and adhere to the manufacturer's directions for safe operation and store
- Your generator exhaust contains carbon monoxide. This is a type of poison that you cannot see or smell. Using a generator indoors can kill anyone in minutes.
- Respect and follow all the Electrical Safety Code of your province of origin at all times
- If you own a portable generator, always plug appliances you want to be powered directly into the generator. If you need to power a hard-wire item, such as a furnace fan, you will need a "Transfer Switch". Again, the "Transfer Switch can only be installed by a certified electrician, and this type of work requires a permit and an electrical inspection.
- Lastly, start the generator first, before connecting appliances.

GENERATOR LINGO - CHEATSHEET

KEYWORDS	IMAGE	DEFINITION
Inverter Generator		A compact inverter generator is capable of "inverting electricity in order to provide cleaner, safer power to sensitive electric devices. They are usually smaller & less noisy in nature.
Portable Generator		The portable generator is the most popular type of generator on the market. You can find models with or without wheels. It can provide enough energy to supply the biggest appliances in your home. We recommend the generator can connect to a transfer switch
Standby Generator		The standby generator is the optimum emergency power source connected permanently to your home as a backup electrical system that operates automatically. In just a few seconds of detecting a power failure, an automatic switch will start the generator.
PTO Generator		The PTO generator connects directly to your tractor's engine driveshaft in order to produce electricity. PTO means power take-off. A PTO generator is usually purchased by farmers with large properties.
Wattage /Watts (W)		Voltage describes the “pressure” that pushes electricity. The amount of voltage is indicated by a unit known as the volt (V), and higher voltages cause more electricity to flow to an electronic device.
Voltage / Volt (V)		Wattage or Watts are a measure of electrical power expressed in watts. A watt describes the rate of power flow. When one amp flows through an electrical difference of one volt, its result is expressed in terms of watts. "W" is the symbol for watt or watts.
Starting Wattage (SW)		Starting wattages (SW) are extra watts needed for two to three seconds to start motor-driven products like a refrigerator or a vacuum. Only motor-driven items will require starting watts. Starting Watts can sometimes be 3 or 4 times the running watts requirements.
Running Wattage (RW)		Running wattage (RW) or rated watts are the continuous watts needed to keep items running. While the appliance is running, the electrical power necessary to run the device is usually constant.
Transfer Switch		The transfer switches basically safeguard the connections of your home electrical panel to the generator electrical power panel. The transfer switch prevents any form of overlap, and in the event of an outage gives you a direct and simple method of powering critical functions, comfort solutions, lights, and emergency equipment.
Power Surge:		A power surge The power flowing through the typical wall outlet is considered 120 volt AC power. The voltage is not delivered at a constant 120 volts, however -- it can fluctuate between 0 and 169 volts. During a damaging power surge, the voltage exceeds 169 volts.
Temporary Disconnect		The Hydro Temporary Disconnect service is available to customers for free once per year *Hydro One. They will disconnect your electricity supply for up to 24 hours to ensure you can conduct maintenance or upgrade your system's safety. After the work is complete, an electrical inspector will ensure that your work meets all of the requirements of the Ontario Electrical Safety Code.

ABOUT US

- GenXpert owner, Michel Blais has been a recognized & trusted generator authority for more than 20 years.
- GenXpert superstore is located in Vars, Ontario * 22-minutes east of Ottawa and Gatineau
- GenXpert will help you with the Generator Wattage Calculations with a 360-degree overview of what to consider when buying, installing, maintaining, present, and future needs considerations that only an experience generator expert could.
- GenXpert offers you 7 types of generators to choose from (Compact Inverters to Commercial Generators)
- GenXpert is an authorized dealer for the top 6 generator brands on the market today.
- GenXpert repairs all popular brands on the market: (ALL)
- GenXpert has a mobile repair and maintenance service team on the road at all time
- GenXpert also has a fully equipped mechanic shop for all generator repairs
- GenXpert is an authorized warranty supplier for all the brands they sell in-store.
- GenXpert is the expert at installing new generators: Residential, Commercial & Industrial
- GenXpert has an impressive showroom of generators and other outdoor power equipment
- GenXpert can serve you in both official languages
- GenXpert uses a consulting approach to selling – We don't sell generators. We help our clients buy the perfect generator.
- GenXpert has been recognized multiple times as an industry leader for generator sales, service & installations.

GENXPERT
SALES & SERVICE
DIVISION OF M.R. BLAIS SALES & SERVICE INC.

YOUR GENERATOR SUPERSTORE

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