

# Full Line Generators



GENERATING 50 HZ OF POWER.

**GENERAC**<sup>®</sup>



# Imagine life **without** power?

- Refrigeration/freezer for food and medicines
- Construction
- Air conditioning
- Gas stations
- Clean water for drinking and bathing
- Sump pump
- Storm emergencies
- Contact with the outside world; Internet, cell phone chargers, TV, radio and more
- Outdoor events
- Security systems
- Fire and police protection
- Medical equipment
- Monetary loss from temporary relocation, hotel costs, dining out, property damage, etc

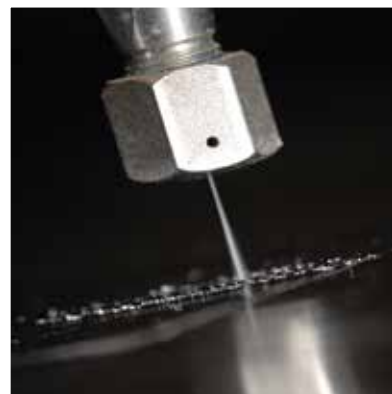
## Corporate **mission** statement.

Our number one priority is to exceed our customers' needs with a superior quality product at an excellent value. By satisfying our customers, we continue to prosper and grow, building a more secure future for our people. We work hard to maintain our well-earned reputation as an innovative leader in the design and manufacturing of high quality products.

## Manufacturing excellence.

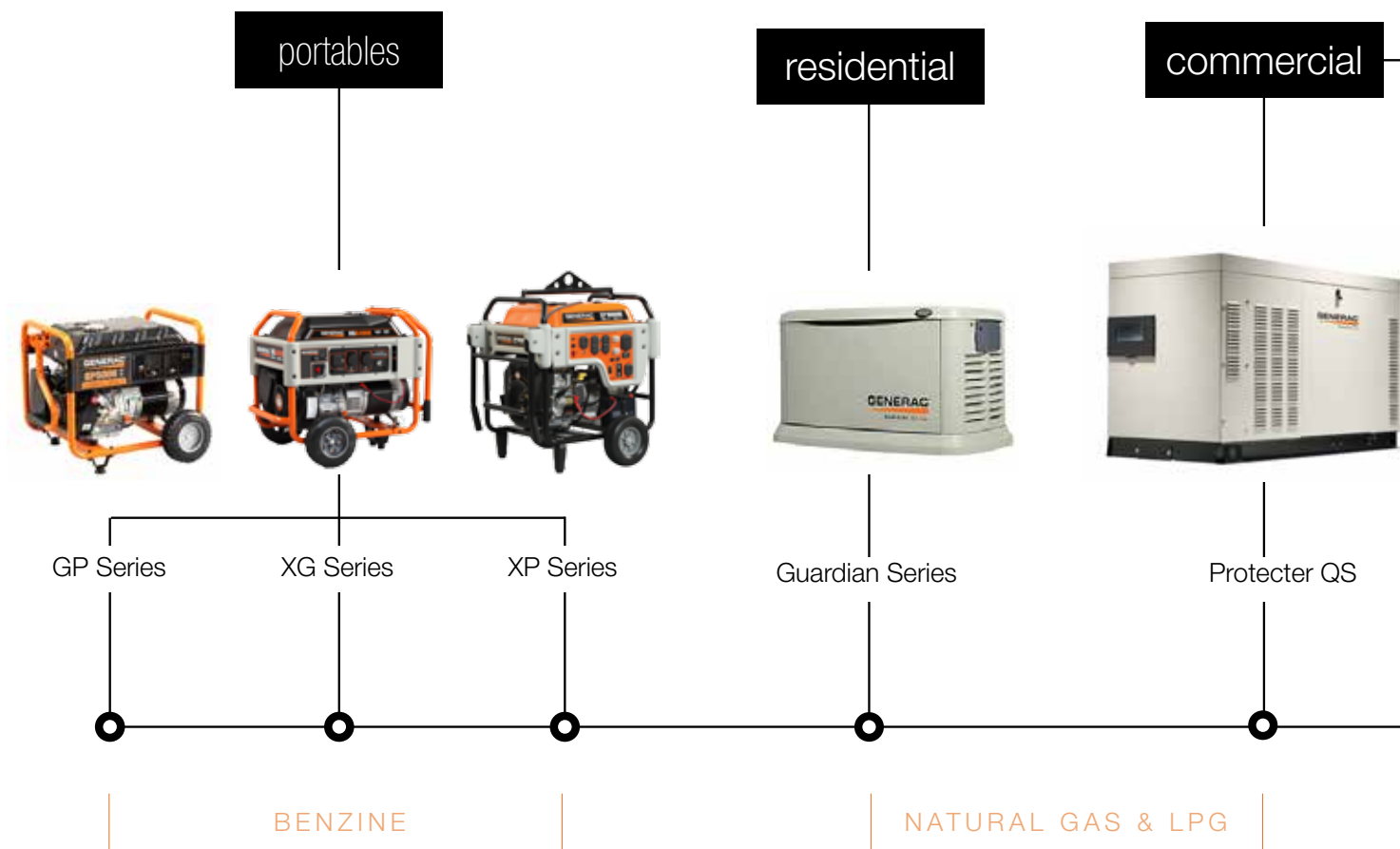
Because we control the design, engineering, and production within our vertically integrated manufacturing processes—and do it all at our world-class manufacturing facilities—we are able to consistently deliver quality products. Strict attention is given to market trends, which leads to continual new product development and improvements to existing products. Generac's rigorous engineering specifications and testing methods help ensure our products not only meet all applicable regulatory requirements, but meet our customers, expectations as well.

This dedication to innovation and manufacturing excellence is why the world's largest retailers turn to Generac for portable, residential, and commercial generators, and mission critical markets around the world trust our industrial power solutions.



# 50Hz generator lineup.

Power for every purpose. We offer a wide range of backup power solutions from portable 1000 watts to 2,250 kVA stationary industrial units.





industrial



Protector Series

Container

MPS Units



DIESEL

NATURAL GAS  
LPG  
DIESEL

Tough. Reliable. Purpose-Built.



## Portable power where you need it.

Over fifty years ago, Generac introduced the first affordable portable generator, and it's still the name to turn to when you need power on the go. From construction sites and outdoor events to camping and tailgating, Generac's extensive product line offers the flexibility to choose as much power as needed for any application.



### GP Series 1000 – 6000 Watts

With a range of power options, the GP Series is sure to have an affordable, reliable portable generator for your particular application.

- Hardened steel tube cradle
- Fold-down handle and never-flat wheels



### XG Series 5600 – 6400 Watts

The premium quality and reliable performance of the XG Series comes from Generac's OHVI® engine. Depend on this rugged unit to provide years of reliable power to your event, job site, or home.

- Generac OHVI® engine on all models
- Illuminated control panel for improved visibility



### XP Series 5600 – 6400 Watts

Professional grade XP Series portable generators are engineered specifically with contractors and construction sites in mind.

- Generac OHVI® engine on all models
- Integrated lifting eye

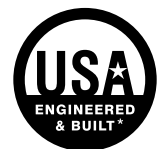
Contact your local Generac representative to determine which Portable product is available in your area.





## Control Your Power. Control Your Life.™

It's been over two decades since Generac created the residential generator market. Prior to that, smaller standby units were generally too costly and impractical for residential use. With the development of Generac's OHVI® engine, the #1 selling brand of home standby generators was born, and automatic standby power became both an accessible and affordable option for homeowners.



\*Built in the USA using domestic and foreign parts.



# The #1 choice in residential.

Life depends on power. It's that simple. From daily essentials like cooking and laundry to necessities like heating, cooling and lighting, a power outage isn't just a nuisance, but potentially dangerous. When it comes to protecting homes, Generac remains the undisputed leader in the residential market. For 24/7 protection, more people choose a Generac automatic home standby generator than all of our competitors combined.

## PowerPact™ 5.6 kVA unit

Generac's 5.6 kVA Powerpact home standby generator is the affordable, automatic alternative to portable backup power. Features incorporate the quality and reliability of the best selling Guardian Series, while remaining the most affordable home standby generator available. Runs on liquid propane gas or natural gas.



- Prepackaged system available with a 50 Amp transfer switch featuring an eight circuit load center including breakers, available with or without whips
- Generac OHV engine is designed for reliability and long life
- Digital controller with LED light status and fault indicators
- Three of the four sides are easily removable for simple service and maintenance access
- Truepower™ technology provides clean, smooth operation of sensitive electronics and appliances

## Guardian Series® 8, 10 and 13 kVA

Generac's Guardian Series offers a wide range of solutions, so you can get the level of coverage that is appropriate to your needs. Choose from a pre-packaged system or have your dealer or contractor help design the best system for you.



- Powered by the Generac OHVI engine, designed specifically for generators
- Easily connects to existing LPG or NG fuel supply; quickly converts in the field
- Composite mounting pad included, making installation easier in places where a concrete pad is not required
- Sturdy enclosure with RhinoCoat™ finish for superior weather protection, modeled to withstand 150 mph winds and with a fire rating that allows for installations as close as 18" to the home
- TruePower™ technology provides clean, smooth operation of sensitive electronics and appliances
- The only standby generator certified for natural gas operation at 3.5" of water column to accommodate low-pressure areas.



## Clean & quiet power, **commercial.**

The potential loss a business faces from power failure can be devastating. From losing customers and data to spoiled refrigerated inventories, the costs are often substantial. Traditionally, only expensive configured systems were powerful enough to provide automatic backup power for a commercial business. Generac changed that by bringing a broad range of commercial options to the marketplace, making backup power a reality for thousands of businesses. Today, Generac's commercial product line features affordable generators readily available in LP, natural gas, or diesel fueling options, while providing both single- and three-phase power. There's no longer a reason for a business to operate unprotected from the costly effects of a power failure.

Generac's commercial generators are designed to run quietly, stand up to severe weather conditions and offer cleaner burning fuel solutions than diesel.



### **Protector™ QS Series** 17.6 – 27 kVA

Premium features are standard on the ultimate gaseous residential standby generator. For discerning homeowners with larger residences, these units are powered by a low-speed engine for extra-quiet operation and come standard with an aluminum enclosure.

- Ideal for homes requiring higher kVA backup for amenities, such as additional living areas, garages, air conditioners, pools, greenhouses, guest houses, mother-in-law suites, medical needs, and more
- The low-speed, liquid-cooled engine is engineered to run at only 1500 RPM for a substantially quieter generator, consuming less fuel, and giving both the engine and the alternator a longer life



### **Protector™ Series – Diesel** 12 – 50 kVA

Generac's Protector Series diesel units raise the bar for residential and light commercial diesel generators. Building and zoning codes can vary greatly from one region to another. In the past, the only answer was to order expensive, custom-configured solutions— until now.

To address the variances in code, Generac's diesel-powered Protector Series generators are the only automatic standby generator to feature Code Ready, a set of common options that are preconfigured to ensure that the generators will be adaptable to a variety of municipal codes. A wide range of code-driven accessories are available to address any further code conformance requirements as well.

- External vent and fill
- UL 142 / ULC SG01-listed, double-walled base tank
- UL/CUL 2200-listed generator
- Aluminum, weather-resistant enclosures



\*Built in the USA using domestic and foreign parts.



“ MY BUSINESS ACTUALLY MAKES  
**MORE MONEY**  
DURING A POWER OUTAGE . . . I'M THE  
**ONLY PLACE OPEN!** ”

- Steven Beck



# Reliability. Redundancy. Industrial.

Generac's industrial generator sets utilize an integrated approach to building the optimum system for each application. We match the best engine, alternator, control panel, enclosure, base tank and software for the most effective solution.

Consider the mission critical businesses that require automatic standby power: hospitals, data centers, 911 call centers. Generac's range of industrial solutions has been proven dependable in the most severe power outage situations. Businesses that can't afford to be without power for even a second depend on Generac for reliable, redundant automatic standby power.

## **Diesel Fuel** 14 – 2250 kVA. The traditional choice for standby power.

Diesel-fueled generators are an efficient choice for high kVA applications, as well as facilities where code requirements call for on-site fuel storage, like hospitals and 911 call centers. To provide the best possible diesel-fueled standby power solutions, Generac identifies and pre-qualifies diesel engines proven in real-world applications under adverse conditions. Then we work hand-in-hand with best-in-class diesel engine manufacturers to optimize designs specifically and meet Generac requirements.

## **Natural Gas** 35 – 400 kVA. **Liquid Propane Gas** 35—150 kVA.

Enjoy long run times without refueling.

In the past, gaseous fuels had been avoided in industrial backup power applications based upon cost effectiveness, power density, and perceptions of durability and fuel reliability. That is no longer the case.

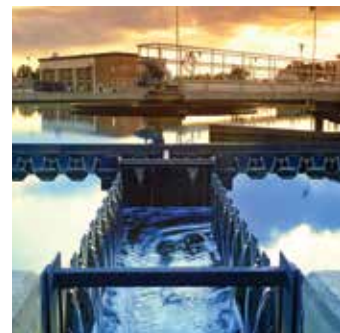
- **Cost-effective Engines:** Automotive-style spark-ignited engines are more readily available in high volumes, making them more cost-effective components to source than similarly sized diesel engines.
- **Long Running Times:** A key benefit to using natural gas fuel is longer run time. As natural gas is supplied by a utility feed, refueling is not an issue.
- **Environmentally Friendly:** Not only do natural gas-fueled engines emit less nitrogen oxides and particulate matter than comparable diesel-fueled engines, but they also avoid the fuel containment, spillage, and environmental concerns associated with storing diesel fuel.

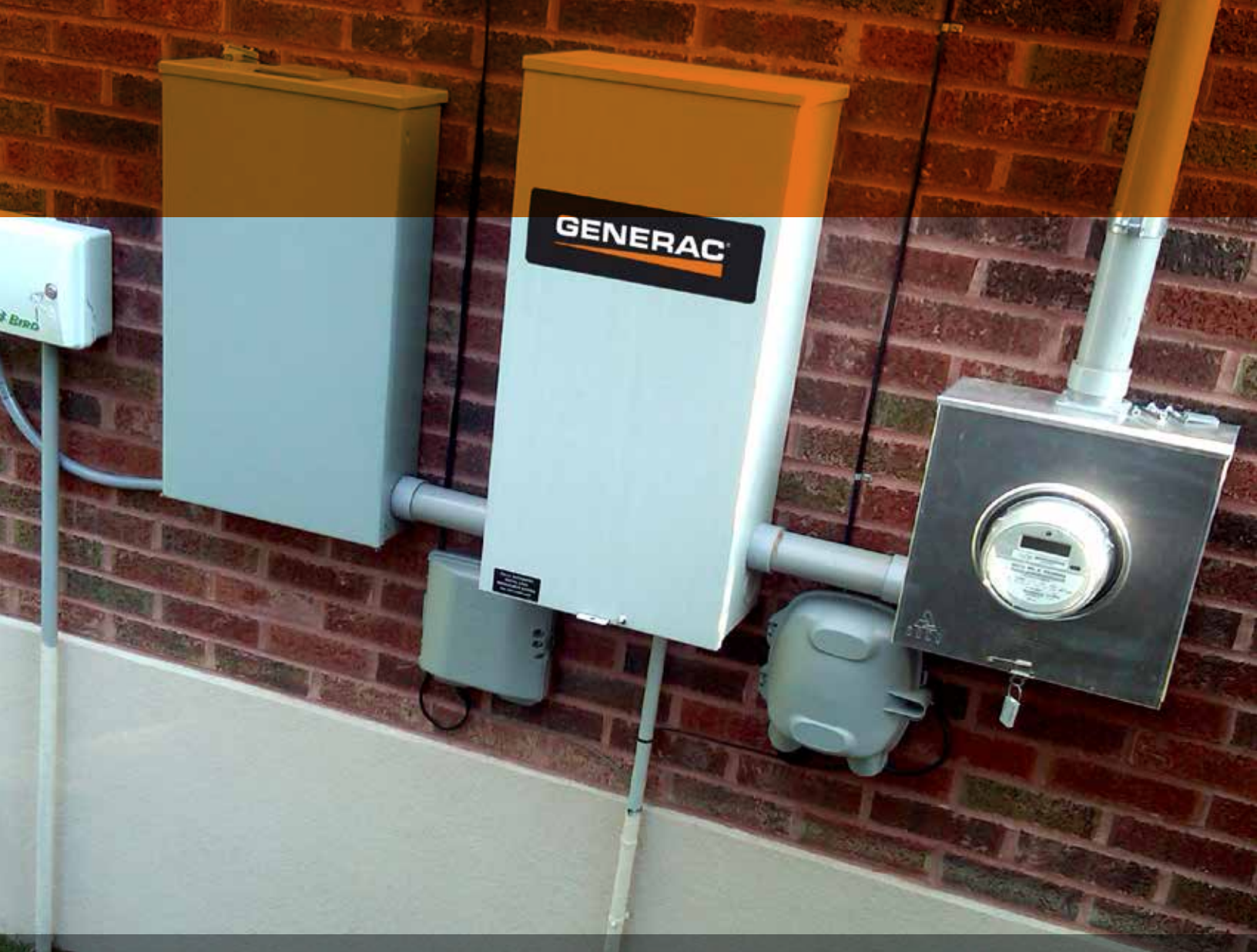
## **Modular Power Systems (MPS)** 130 – 400 kVA.

With its Modular Power Systems, Generac has perfected the process of paralleling generators through the use of our proprietary integrated control technology. MPS provides the advantages of redundancy, flexibility and scalability, offering customers up to 99.9999% reliability for critical loads.

\* Gaseous generators are applicable up to 6,000 kVA

\* LPG generators are applicable up to 2,250 kVA.





## Transfer switches

Generac's full line of backup power solutions includes generators and transfer switches capable of covering every circuit in any size home or business for complete protection. Never wait for an appliance to take its turn being powered. When the power goes out, everything stays on - no matter how many circuits you have.

We offer a wide range of transfer switches for all applications. The product line features 100 to 5,000 amp standard bypass and service entrance switches.

# Cover every circuit all the time.

## RTS Series – 50 Hz Transfer Switch

With the RTS transfer switch, you can choose to cover every circuit all the time or only essential circuits when paired with a generator sized to your application. RTS open transition transfer switches are ideal for residential, commercial and light industrial applications.



### Features

- Double Throw contactor, certified to the transfer switch standard IEC 60947-6-1 with electrically operated, mechanically held contact for fast, positive connections
- High endurance, interlocked contactor, 100% rated for both inductive and resistive loads
- 160 millisecond transfer time
- Single coil design
- Main contacts are silver alloy to resist welding, sticking or pitting
- Arc chutes designed for rapid dividing and arc splitting for faster quenching
- Limited 3 year warranty

### Specifications

Model	RTSI100M3		RTSI200M3		RTSN100R3		RTSN200R3		RTSN400R3			
Amps	100		200		100		200		400			
Voltage	110/220, 1Ø		110/220, 1Ø		220/415, 3Ø		220/415, 3Ø		220/415, 3Ø			
Load Transition Type (Automatic)	Open Transition		Open Transition		Open Transition		Open Transition		Open Transition			
Enclosure Type	IP54 & NEMA 3R		IP54 & NEMA 3R		IP54 & NEMA 3R		IP54 & NEMA 3R		IP54 & NEMA 3R			
Available Symmetrical Amperes RMS	ICM	Amp	10.0 kA		10.0 kA		14.0 kA		25.0 kA		35.0 kA	
		Amp	17.7 kA		17.7 kA		28.0 kA		52.8 kA		79.0 kA	
	ICW	Duration	16.1 ms		4.8 ms		10.1 ms		9.8 ms		6.1ms	
Lug Range	2/0 - #14		400 MCM - #4		2/0 - #14		400 MCM - #4		#4 - 600 MCM or 1/0-250 MCM			

Visit [generac.com/50Hz](http://generac.com/50Hz) for more information on Generac's Industrial Transfer Switches.



# Specifications

## Portable GP Series

	GP1000	GP2000	GP2600	GP2600	GP2800	GP5000	GP6000E
Model Number	6751	6742	6217	6425	6744	6218 / 6426 / 6746	6219 / 6427 / 6755
Running Watts	1000	2000	2600	2600	2800	5000	6000
Starting Watts	1250	2500	3900	3900	3900	7000	9000
Engine Displacement	93cc	163cc	208cc	208cc	208cc	389cc	420cc
Engine Type	OHV	OHV	OHV	OHV	OHV	OHV	OHV
Starting Method	Recoil Pull Start	Recoil Pull Start	Recoil Pull Start	Recoil Pull Start	Recoil Pull Start	Recoil Pull Start	Electric / Recoil Pull Start
Low Oil Shutdown	Low Level	Low Level	Low Level	Low Level	Low Level	Low Level	Low Level
Fuel Tank Capacity (Liters)	6	6	13	13	13.25	27	30
Handle Style	-	-	Single Folding	Single Folding	Single Folding	Single Folding / Locking	Single Folding / Locking
Wheel Type mm(in)	-	-	203.2 (8) Solid	203.2 (8) Solid	203.2 (8) Plastic & Rubber Gray	241.3 (9.5) Solid	241.3 (9.5) Solid
Warranty	Residential 2 Year Ltd. Commercial 1 Year Ltd.						

## Industrial Gaseous

Model Number	SG028	SG032	SG036	SG040	SG040	SG048	SG056	SG064	SG080
Fuel Type	Natural Gas/ LPG	Natural Gas/ LPG	Natural Gas/ LPG	Natural Gas/ LPG	Natural Gas/ LPG	Natural Gas/ LPG	Natural Gas/ LPG	Natural Gas/ LPG	Natural Gas/ LPG
Engine Size	5.4L	5.4L	5.4L	5.4L	6.8L	6.8L	6.8L	9.0L	9.0L
Fuel Consumption @ full load - Natural Gas (m3/hr)	16.90	18.70	20.30	21.80	19.38	22.90	25.00	26.20	27.70
Fuel Consumption @ full load - LPG (m3/hr)	6.20	6.20	6.80	7.30	7.34	8.70	10.90	10.40	11.20
Engine Manufacturer	Generac	Generac	Generac	Generac	Generac	Generac	Generac	Generac	Generac
kVA Standby	35	40	45	50	50	60	70	80	100
kVA Prime	28	32	36	40	40	48	56	64	80
Voltage Single	110-220	110-220	110-220	110-220	110-220	110-220	110-220	110-220	110-220
Voltage Three	231-400	231-400	231-400	231-400	231-400	231-400	231-400	231-400	231-400
Warranty	2 Year (Standby rated units) - 1 Year (Prime rated units)								

## Industrial Diesel

Model Number	PLE15	PLE30	PLE50	PLE60	PLE80	PLE110	PLE150	PLE500	PLE650	TLE250	TLE325
Fuel Type	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel
Engine Size	1.4L	3.3L	3.3L	3.3L	4.4L	4.4L	5.9L	15.2L	18.1L	10.5L	10.5L
Fuel Consumption @ full load	4.00	7.90	12.00	15.40	20.50	24.90	34.60	100.00	134.00	63.00	70.00
Engine Manufacturer	Perkins	Perkins	Perkins	Perkins	Perkins	Perkins	Perkins	Perkins	Perkins	MTU	MTU
kVA Standby	14	33	49	66	88	111	150	500	650	265	325
kVA Prime	13	30	45	60	80	101	135	450	600	252	300
Voltage Three	380-415	380-415	380-415	380-415	380-415	380-415	380-415	380-415	380-415	380-415	380-415
Warranty	1 Year Limited										



Portable XG Series

	XG5600E	XG6400E
Model Number	6220	6221
Running Watts	5600	6400
Starting Watts	8400	9600
Engine Displacement	407cc	407cc
Engine Type	OHVI	OHVI
Starting Method	Electric / Recoil Pull Start	Electric / Recoil Pull Start
Low Oil Shutdown	Low Pressure	Low Pressure
Fuel Tank Capacity (Liters)	34	34
Handle Style	Fold / Locking	Fold / Locking
Wheel Type mm(in)	241.3 (9.5) Semi-Solid	241.3 (9.5) Semi-Solid
Warranty	Residential 2 Year Ltd. Commercial 1 Year Ltd.	

Portable XP Series

	XP5600E	XP6400E
Model	6428	6429
Running Watts	5600	6400
Starting Watts	8400	9600
Engine Displacement	407cc	407cc
Engine Type	OHVI	OHVI
Starting Method	Electric / Recoil Pull Start	Electric / Recoil Pull Start
Low Oil Shutdown	Low Pressure	Low Pressure
Fuel Tank Capacity (Liters)	34	34
Handle Style	Fold / Locking	Fold / Locking
Wheel Type mm(in)	241.3 (9.5) Semi-Solid	241.3 (9.5) Semi-Solid
Warranty	Residential 3 Year Ltd. Commercial 2 Year Ltd.	

SG120	SG120	SG140	SG160	SG184	SG200	SG220	SG240	SG280	SG320
Natural Gas/ LPG	Natural Gas	Natural Gas	Natural Gas	Natural Gas	Natural Gas	Natural Gas	Natural Gas	Natural Gas	Natural Gas
9.0L	14.2L	14.2L	14.2L	14.2L	14.2L	12.9L	12.9L	21.9L	21.9L
40.80	52.80	58.00	63.80	68.80	74.00	66.20	71.40	90.7	90.7
15.10	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Generac	Generac	Generac	Generac	Generac	Generac	Generac	Generac	Generac	Generac
150	150	175	200	230	250	275	300	350	400
96	140	140	160	184	200	220	240	280	320
110-220	110-220	110-220	110-220	N/A	N/A	N/A	N/A	N/A	N/A
231-400	231-400	231-400	231-400	231-400	231-400	231-400	231-400	231-400	231-400
2 Year (Standby rated units) - 1 Year (Prime rated units)									

TLE400	TLE440	TLE490	TLE550	TLE700	TLE855	TLE1000	TLE1100	TLE1250	TLE1500	TLE1750	TLE2000	TLE2250
Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel
14.0L	14.0L	17.5L	17.5L	21.0L	23.8L	31.8L	31.8L	35.8L	57.2L	57.2L	57.2L	76.3L
81.00	89.00	100.00	109.00	142.00	182.00	206.00	227.00	261.00	321.00	347.00	401.00	439.00
MTU	MTU	MTU	MTU	MTU	MTU	MTU	MTU	MTU	MTU	MTU	MTU	MTU
400	438	494	550	712	856	1000	1100	1250	1475	1750	1988	2250
362	400	450	500	650	780	906	1000	1125	1412	1675	1900	2125
380-415	380-415	380-415	380-415	380-415	380-415	380-415	380-415	380-415	380-415	380-415	380-415	380-415
1 Year Limited												

### Automatic Standby Generator- PowerPact

Model Number	6520
Fuel Type	Natural Gas
Engine Size	530cc
Engine Manufacturer	Generac
Fuel Consumption @ full load - Natural Gas (m3/hr)	3.31
Fuel Consumption @ full load - LPG (l/hr)	4.91
kVA Standby	5.6
kVA Prime	N/A
Voltage Single	110-220
Warranty	3 Year Limited

### Automatic Standby Generators - Air-Cooled Guardian Series

Model Number	6269	6270	6271
Fuel Type	Natural Gas/ LPG	Natural Gas/ LPG	Natural Gas/ LPG
Engine Size	530cc	992cc	992cc
Engine Manufacturer	Generac	Generac	Generac
Fuel Consumption @ full load - Natural Gas (m3/hr)	3.91	5.52	6.37
Fuel Consumption @ full load - LPG (l/hr)	5.74	7.28	9.53
kVA Standby	8	10	13
kVA Prime	N/A	N/A	N/A
Voltage Single	110-220	110-220	110-220
Warranty	3 Year Limited		

### Commercial - Liquid Cooled Gaseous

Model Number	RG022	RG022	RG027	RG027
Fuel Type	Natural Gas / LPG	Natural Gas / LPG	Natural Gas / LPG	Natural Gas / LPG
Engine Size	2.4L	2.4L	2.4L	2.4L
Engine Manufacturer	Generac	Generac	Generac	Generac
Fuel Consumption Natural Gas (m3/hr)	9	9	10.2	10.2
Fuel Consumption LP (m3/hr) LPG (l/hr)	13	13	14.8	14.8
kVA Standby (NG/LP)	17.6 / 17.6	22 / 22	19.7 / 21.6	25 / 27
Voltage Single	110-220	N/A	110-220	N/A
Voltage Three	N/A	231/400	N/A	231/400
Warranty	3 Year Limited			

### Commercial - Liquid Cooled Diesel

Model Number	RD012	RD016	RD024	RD040
Fuel Type	Diesel	Diesel	Diesel	Diesel
Engine Size	2.28L	2.28L	2.4L	3.4L
Engine Manufacturer	Generac	Generac	Generac	Generac
Fuel Consumption @ full load	5.02	6.73	9.36	13.56
kVA Standby (Single/Three Phase)	12	16	24 / 30	40 / 50
kVA Prime	9.6	12.8	19.2	32
Voltage Single	110-220	110-220	110-220	110-220
Voltage Three	-	-	231-400	231-400
Warranty	3 Year Limited			

### Industrial MPS

Model Number	MG120	MG120	MG160	MG200	MG240	MG280	MG320
Fuel Type	Natural Gas / LP	Natural Gas	Natural Gas	Natural Gas	Natural Gas	Natural Gas	Natural Gas
Engine Size	9.0L	14.2L	14.2L	14.2L	12.9L	21.9L	21.9L
Engine Manufacturer	Generac	Generac	Generac	Generac	Generac	Generac	Generac
Fuel Consumption @ full load - Natural Gas (m3/hr)	35.30	40.80	63.80	74.00	71.40	81.6	81.6
Fuel Consumption @ full load - LPG (l/hr)	13.10	13.10	N/A	N/A	N/A	-	-
kVA Standby	130	130	200	250	300	350	400
kVA Prime	-	120	160	200	240	315	360
Voltage Single	110-220	231-400	231-400	231-400	231-400	231-400	231-400
Voltage Three	231-400	-	-	231-400	231-400	380-415	380-415
Warranty	2 Year (Standby rated units) - 1 Year (Prime rated units)						



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For more information, such as  
FAQ's, visit us online at  
[www.generac.com/50Hz](http://www.generac.com/50Hz)

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