

GENERAC®



Standby Generators

FOR HOME AND SMALL BUSINESS

Our lives depend on power.

Power outages can happen at any time, without warning, and can leave you powerless for days. Without power, you will not have access to, or have the ability to use:

- Refrigeration for food and medicines
- Cell phone and cell phone charging capabilities
- Heating and cooling systems
- Lighting
- Appliances
- Television and radio
- Water heater
- Computer and internet
- Garage door opener
- Well/water pump
- Washer and dryer
- Sump pumps
- Security system
- Septic pump

Generac is the #1 name in standby power

At Generac, we protect the things that power your life by providing quality, affordable power solutions. Since 1959, we've focused primarily on power generation, and we now offer more generator solutions than any other manufacturer. That heritage has helped make us the number one choice in residential standby power. When you choose Generac, you're choosing to have peace of mind and the power to live.

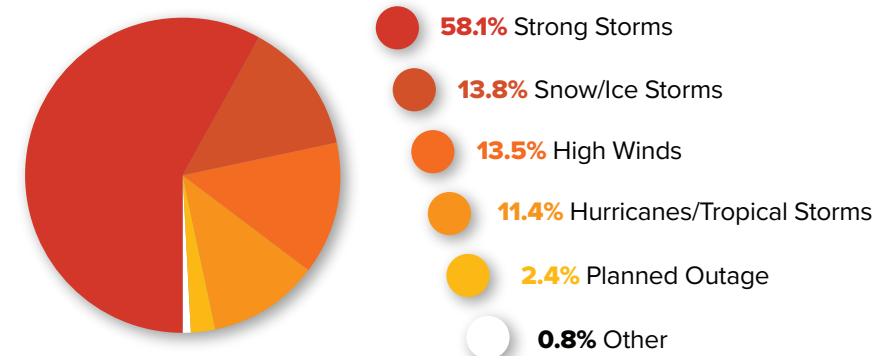


8 out of 10 homeowners choose Generac

for their home standby generator

Source: Frost & Sullivan, SBI, TraQline

Weather Related Outages 2018-2020



Source: Generac Research, 2018-2020

How a home standby generator works:

1 Your power goes out.

Maybe it's a storm. Maybe the electrical grid failed. Maybe one of those cyberterrorists attacked the grid system. Whatever the cause, the power is out and you need a solution.

2 Your generator detects the outage and automatically turns on.

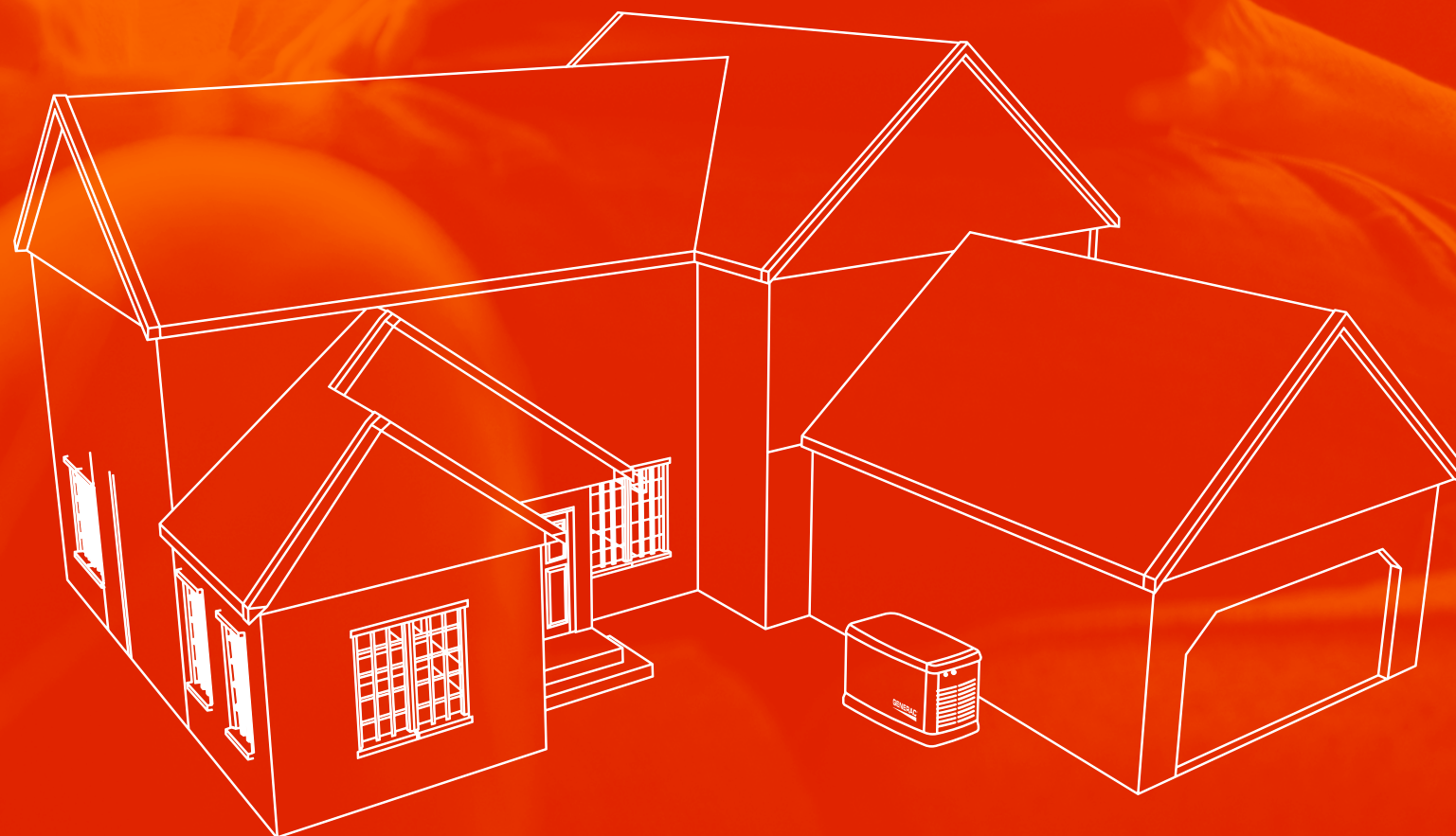
Within seconds, your Generac transfer switch senses the problem, and tells your Generac generator to turn on. Your generator turns on and your house is fully powered – whether home or away – and it keeps the power on, whether the outage lasts hours or weeks.

3 Your generator automatically turns off.

When your Generac transfer switch senses that utility power is restored, it tells your Generac generator to turn off and switches your home's power source back to utility power. Your generator returns to standby mode, waiting to answer the call the next time you lose power.

Choose the right size home standby generator for your situation.

By sizing your generator according to your needs instead of your home's square footage, you won't overspend or be surprised by inadequate coverage. Generac has the solution; **essential circuit coverage** for the basics, **managed whole-house** for average coverage, and **complete whole house** coverage to protect it all.



LEVEL 1

ESSENTIAL CIRCUIT COVERAGE

Many homeowners choose to cover only their essential circuits during a power outage. Choose from options that create a simple, economical solution that keeps essential appliances operating during a utility power outage.

LEVEL 2

MANAGED WHOLE HOUSE

Get whole-house coverage through smart power management. If it is unlikely you will turn on every appliance at the same time (most people don't), a smaller generator paired with a Generac power-management switch provides whole-house coverage through a managed power solution by managing the power requirements of individual appliances.

LEVEL 3

COMPLETE WHOLE HOUSE

Generac's full line of backup power generators include larger generators capable of covering every circuit in any size home for complete whole-house protection. Never wait for an appliance to take its turn being powered. When the power goes out, everything goes on and stays on — no matter how many circuits need to be backed up.

Home Standby Generators

Never worry about losing power again with a home standby generator.

You can't put a price on safety and security. When you're hit with an unexpected power outage, you want to know that you and your family are protected.

With a home standby generator, your home will never lose power again. Our generators turn on automatically in the event of any power loss to restore power to your home within seconds.



POWERPACT™

7.5 kW home standby generator

Generac's 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 LP or natural gas
- Prepackaged system available with a 50 Amp transfer switch featuring an eight circuit load center including breakers
- Generac OHV engine is designed for reliability and long life
- TruePower™ Technology provides clean, smooth operation of sensitive electronics and appliances



GUARDIAN® SERIES

10-24 kW home standby generators

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.

- Mobile Link Connectivity. Generac's Mobile Link actively monitors your generator status on your smartphone, tablet, anywhere in the world, for free
- 5 Year Limited Warranty for automatic standby generators
- Generac generators and engines are engineered and built in the USA*
**Assembled in the USA using domestic and foreign parts*
- The Generac G-Force Engine is purpose-built, pressure-lubricated engine capable of handling the rigors of generator use, resulting in power that's more reliable and requiring less routine maintenance than any competitive engine
- 24/7/365 Customer Support Team standing by all-day every-day from our headquarters in Wisconsin to answer any questions you might have



ECOGEN

15 kW home standby generator

Generac offers an automatic standby generator engineered specifically for off-grid applications. The EcoGen eliminates the expense and unreliability previously associated with alternative energy backup power options, instead providing affordable, reliable, low emission, off-grid standby power.

- Engineered to easily integrate into the existing inverter and battery storage system
- Runs on environmentally friendly, energy-efficient natural gas or liquid-propane, an alternative fuel that stores easily and indefinitely, and is freely available at many off-grid locations might have

Large Home & Commercial Generators

When more power is required, Generac has what you need.

As the world's #1 manufacturer of home standby systems, Generac identified and responded to the need for affordable, higher kW units for larger residences and businesses. Through innovative engineering, Generac has eliminated the noise, cost, and environmental issues that once made standby power impractical for these applications. When more power is necessary, install a quiet, clean and affordable solution from Generac.



PROTECTOR SERIES - GASEOUS



22-150kW gaseous generators

The higher kW nodes of Generac's Protector Series are ideal for larger homes and small-to-medium-size businesses such as convenience stores, restaurants and offices.

- Continuous fuel choices in LP and natural gas offer cleaner-burning fuel solutions than traditional diesel engines
- True Power Technology delivers best-in-class power quality with less than 5% total harmonic distortion for clean, smooth operation of sensitive electronics and appliances
- Quiet-Test Self Test Mode – Runs at a lower RPM for a five or twelve minute test, is significantly quieter than other brands, and consumes less fuel.
- Mobile Link Connectivity. Generac's Mobile Link actively monitors your generator status on your smartphone, tablet, anywhere in the world, for free

PROTECTOR SERIES - DIESEL



15-50kW gaseous generators

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 is the only automatic standby generator to feature Code Ready, a set of common options that are preconfigured to ensure that the generator 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.

- External vent and fill
- UL 142/ULC SG01-listed, double-walled base tank
- UL/CUL 2200-listed generator
- Aluminum, weather-resistant enclosures
- Larger tank options available for extended run times

Need a three-phase option up to 150kW?

Ask your dealer about Generac's three-phase commercial generators.

IDEAL INDUSTRIES/APPLICATIONS:

- Convenience Stores & Gas Stations
- Restaurants & Bars
- Small Outpatient & Dental Clinics
- Offices with Small Server Rooms
- School Offices & District Buildings
- Larger Homes or Homes with Guest Houses
- Banks & Financial Institutions
- Green Houses
- Manufacturing Industry & Distribution

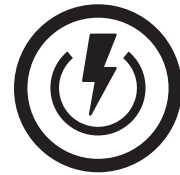
Nothing is built like a Generac.

Generators are often required to run for hours, days or even weeks at a time. Continuous use can cause a lot of strain on engines not specifically engineered to withstand extended run times. We have developed robust engine solutions to ensure our generators provide the reliability necessary to power through even the most demanding situations.



5-YEAR LIMITED WARRANTY

Included with all home standby generators.



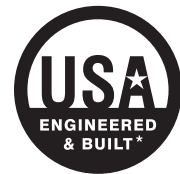
TRUEPOWER™ TECHNOLOGY

Delivers best-in-class power quality with less than 5% total harmonic distortion for clean, smooth operation of sensitive electronics and appliances.



GENERAC'S G-FORCE ENGINE

Purpose-built for the rigors of power generation. It also requires fewer scheduled maintenance checkups than some competitor's engines, and provides the reliability you need for the long run-times that emergency backup can require.



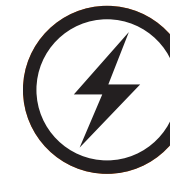
BUILT IN THE USA

Generac generators and engines are engineered and built in the USA*
**Assembled in the USA using domestic and foreign parts.*



24/7/365 CUSTOMER SUPPORT TEAM

Standing by all day, every day from our headquarters in Wisconsin to answer any questions you might have.



PERMANENT POWER

Automatically turns on, providing backup power to your home.



QUIET-TEST™ SELF-TEST MODE

Runs at a lower RPM for a five or twelve minute test, is significantly quieter than other brands, and consumes less fuel.



GENERAC'S EVOLUTION™ CONTROLLER

Featuring a dual-line, multilingual LCD display allowing for easy monitoring of history and maintenance logs and manage your generator.



NO EXTENSION CORDS

Runs on your existing natural gas or LP supply.



ECONOMICAL POWER

Runs on highly efficient, cleaner-burning* Natural Gas or LP Fuel.
**As compared to other fossil fuels.*

Mobile Link™

Generator Connectivity

Monitor the status of your generator from anywhere in the world with **Mobile Link™ Connectivity** – now standard on all Generac home standby generators. Mobile Link seamlessly connects to your homes' Wi-Fi system, allowing you to easily receive information, such as current operating status and maintenance alerts, using your smartphone, tablet, or PC.



The Mobile Link app is available for download on Apple® and Android™ devices.

Save time and headaches.

Our Mobile Link service connects with your Wi-Fi connected generator to provide real-time status updates. No more surprises when you need your generator the most.

Free to start.

Mobile Link Remote Monitoring is FREE with every Generac home standby generator.

Subscription plans designed for you.

Multiple subscription plans available. With all plans, you can download our Mobile Link app and monitor your generator from anywhere in the world.

Get faster service with a Dealer-Managed plan.

Your dealer can provide quicker service or maintenance with front-line access to your generator's information.

More peace-of-mind and confidence.

Added protection and security whether you're home or away.

Improved ownership experience.

Having proactive information about your generator (24/7, 365 days a year) allows you and your dealer* to act quickly when a problem occurs—before or during an outage.

*with a Dealer-Managed subscription



The Mobile Link app is available for download on Apple and Android devices, or through our web app at [MobileLinkGen.com](https://www.MobileLinkGen.com).

How does it work?

- 1** Your generator experiences a change in status (either running, fault or maintenance alert).
- 2** Mobile Link sends you a real-time notification to your app, email, or text notifying you of the change.
- 3** For the ultimate peace of mind, you can also authorize your preferred service dealer to get generator alerts to proactively work with you to address any issues.

Key Features



Get **real-time notifications** about your generator



View your **maintenance needs**



Remotely access your **generator's health**

Transfer Switches

Because Generac understands the transfer switch is the core of the generator system, we offer more options than any other manufacturer to ensure coverage requirements are met. All switches are UL listed.



ESSENTIAL CIRCUIT COVERAGE OPTIONS

Some homeowners prefer a simple, economical approach. Essential coverage protects only your most important circuits — such as lights, furnace, water heater, refrigerator/freezer and sump pump.



MANAGED WHOLE HOUSE OPTIONS

Whole-house coverage may not fit every budget. With a power management system, your generator can work smarter. It protects all your home's circuits by cycling power on and off as needed for different appliances. And you decide what gets priority. A Generac power management system protects all the circuits in your home — without the higher cost of whole-house coverage.

Chances are you won't need to turn on every appliance at the same time during an outage. (Most people don't.) Generac power management systems monitor power needs throughout your house — automatically cycling power on and off where it's needed.

The way it works is simple. You decide which circuits are most essential to your home. Whenever the generator approaches its power limit, the system turns off non-essential circuits to prevent an overload. Once essential circuits are satisfied, it cycles non-essential circuits back on.



COMPLETE WHOLE HOUSE OPTIONS

Most homeowners want the peace of mind that comes with whole-house coverage. Whenever there's an outage, you don't have to worry — because the power stays on at all times throughout your entire home. A Generac whole-house power system backs up every electrical circuit in your home whenever the power goes out.

There's no waiting for an appliance to take its turn being powered — everything comes on and stays on. So you don't have to decide which circuits are most important. They'll all be available, automatically, around the clock.

The full line of Generac whole-house power systems includes larger generators and transfer switches capable of covering every circuit in any size home. It's a comprehensive approach for complete peace of mind.

Accessories

Enhance your Generac standby generator's performance with accessories from the leader in standby power. Products are available to maximize convenience and simplify maintenance for years of reliable standby power.



SCHEDULED MAINTENANCE KITS

A scheduled maintenance program ensures the generator system is always in top operating condition and warranty requirements are being met. Generac's scheduled maintenance kits provide all the hardware necessary to perform complete routine maintenance on a Generac automatic standby generator. Oil must be purchased separately based upon manufacturer recommendations listed below. Maintenance is recommended at every 200 hours or 2 years.

Kit contents may vary by model. Kits Include:

- Air Filter
- Oil Filter
- Spark Plugs
- Oil Funnel
- Chamois
- Reminder Sticker



COLD WEATHER KIT

If the temperature falls below 0° F, install a cold weather kit to maintain optimal battery and engine oil temperature. Kit contains a thermostat-controlled battery pad and engine-block warmer.



EXTENDED WARRANTY

Up to five years extended warranty coverage available through Generac Industrial and Residential/Commercial Dealers, on generators ranging from 10 to 150 kW (7 and 10 year options available).

For more accessories, visit Generac.com

Specifications

HOME STANDBY GENERATORS

SPECIFICATIONS	PowerPact	Guardian Series					EcoGen
Rated Power (LPG/NG)	7.5 / 6 kW	10 / 9 kW	14 / 14 kW	18 / 17 kW	22/19.5 kW	24 / 21 kW	15 / 15 kW
Generator Only Model	6998 / 6999	7171	7223	7226	7042	7209	N/A
Generator / 100 Amp Select Circuit Switch Model	-	7172	7224	-	-	-	-
Generator / 200 Amp Service Rated Load Shedding Smart Switch Package Model	-	-	7225	7228	7043	7210	7163
Voltage (Single Phase)	240V						
Amps @ 240V LPG	31.25	41.7	58.3	75.0	91.7	100	62.5
Amps @ 240V NG	25.0	37.5	58.3	70.8	81.3	87.5	62.5
Engine/Alternator RPM	3600 / 3600						
Engine	OHV / 420cc	G-Force / 460cc	G-Force / 816cc	G-Force / 816cc	G-Force / 999cc	G-Force / 999cc	G-Force / 999cc
Fuel Consumption @ Full Load LPG cu. ft/hr (gal. hr)	51.6 (1.42)	54 (1.48)	112 (3.07)	110 (3.02)	142 (3.90)	142 (3.90)	116 (3.19)
Fuel Consumption @ Full Load NG cu. ft/hr (gal. hr)	117	127	256	247	306	306	312 (8.83)
Quiet-Test Mode	No	Yes					No
db(A) at Exercise	69	57	55	55	57	57	N/A
db(A) at Normal Operating Load	67	61	65	65	67	67	63
Enclosure	Aluminum						
Enclosure Color	Bisque						
Warranty	3-Year Limited	5-Year Limited					3-Year 2000 Hour Limited
Dimensions (L" x W" x H")	36 x 27 x 25	48 x 25 x 29	48 x 25 x 29	48 x 25 x 29	48 x 25 x 29	48 x 25 x 29	48 x 25 x 29
Generator Weight (lbs.)	280	360	374	407	466	455	526
Mobile Link Connectivity	Yes						

*Rating definitions - Standby: Applicable for supplying emergency power for the duration of the charging period. No overload capability is available for this rating. (All ratings in accordance with BS5514, ISO3046 and DIN6271).

*Maximum wattage and current are subject to and limited by such factors as fuel Btu content, ambient temperature, altitude, engine power and condition, etc. Maximum power decreases about 3.5 percent for each 1,000 feet above sea level; and also will decrease about 1 percent for each 12° C (10° F) above 15.5° C (60° F). Not for sale in California.

LARGE HOME & COMMERCIAL STANDBY GENERATORS - LIQUID COOLED

Protector Series

SPECIFICATIONS	RG02224	RG02515	RG02724	RG03015	RG03224	RG03624	RG03824
Rated Power (LPG/NG)	22/22 kW	25/25 kW	27/25 kW	30/30 kW	32/32 kW	36/36 kW	38/38 kW
Voltage (Single Phase)	240V	240V	240V	240V	240V	240V	240V
Amps @ 240V LPG	92	104	113	125	133	150	158
Amps @ 240V NG	92	104	104	125	133	150	188
Engine/Alternator RPM	1800	3600	1800	3600	1800	3600	1800
Engine	In-line 4-Cyl.	In-line 4-Cyl.	In-line 4-Cyl.	In-line 4-Cyl.	In-line 4-Cyl.	In-line 4-Cyl.	In-line 4-Cyl.
Fuel Consumption @ Full Load LPG cu. ft/hr (gal. hr)	130 (3.6)	75 (2.1)	149 (4.1)	75 (2.1)	166 (4.6)	231 (6.4)	192 (5.4)
Fuel Consumption @ Full Load NG cu. ft/hr (gal. hr)	342	221	396	221	380.6	626	444
Quiet-Test Mode	Yes	Yes	Yes	Yes	Yes	Yes	Yes
db(A) at Exercise	61	59	62	59	58	61	58
db(A) at Normal Operating Load	70	72	75	73	64	70	64
Automatic Transfer Switch	Not Included	Not Included	Not Included	Not Included	Not Included	Not Included	Not Included
Enclosure	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum
Enclosure Color	Bisque	Bisque	Bisque	Bisque	Bisque	Bisque	Bisque
Warranty	5-Year Limited	5-Year Limited	5-Year Limited	5-Year Limited	5-Year Limited	5-Year Limited	5-Year Limited
Mobile Link Connectivity	Yes						
Dimensions (L" x W" x H")	62.2 x 30.6 x 38.6	62.2 x 30.6 x 38.5	62.2 x 30.6 x 38.6	62.2 x 30.6 x 38.5	76.8 x 35 x 46.1	76.8 x 35 x 46.1	76.8 x 35 x 46.1
Generator Weight (lbs.)	905	777	940	807	1235	1202	1235
SCAQMD Model			

SPECIFICATIONS	RG04524	RG04845	RG06024	RG06045	RG08045
Rated Power (LPG/NG)	45/45 kW	48/48kW	60/60kW	60/60kW	75/80kW
Voltage (Single Phase)	240V				
Amps @ 240V LPG	188	200	250	250	312
Amps @ 240V NG	188	200	250	250	333
Engine/Alternator RPM	3600	1800	3600	1800	1800
Engine	In-line 4-Cyl.	4.5 L, In-line 4-Cyl.	In-line 4-Cyl.	4.5 L Turbo, In-line 4-Cyl.	4.5 L Turbo, In-line 4-Cyl.
Fuel Consumption @ Full Load LPG cu. ft/hr (gal. hr)	310 (8.6)	240.4 (6.61)	400 (11)	305.6 (8.4)	393.2 (10.8)
Fuel Consumption @ Full Load NG cu. ft/hr (gal. hr)	836	604	1051	808	1063
Quiet-Test Mode	Yes				
db(A) at Exercise	61	68	65	68	68
db(A) at Normal Operating Load	73	70	72	72	74
Automatic Transfer Switch	Not Included				
Enclosure	Aluminum				
Enclosure Color	Bisque				
Warranty	5-Year Limited				
Mobile Link Connectivity	Yes				
Dimensions (L" x W" x H")	76.8 x 35 x 46.1	83 X 35 X 46	77 x 35 x 46	97 X 38 X 49	97 X 38 X 49
Generator Weight (lbs)	1260	1781	1230	1912	2022
SCAQMD Model

*Units not designated as meeting South Coast Air Quality Management District (SCAQMD) emission requirements are not available for sale in CA or MA.

Specifications

COMMERCIAL STANDBY GENERATORS

SPECIFICATIONS	Protector Series (continued)			Protector Series Diesel			
	RG100	RG130	RG150	RD015	RD020	RD030	RD048*/RD050
Model	RG100	RG130	RG150	RD015	RD020	RD030	RD048*/RD050
Rated Power	100 kW	130kW	150kW	15 kW	20 kW	30 kW	48 / 50 kW
Engine Alternator RPM	1800			1800	1800	1800	1800
Engine Manufacturer Line	V-Type 8-Cyl.			In-line 4-Cyl.			
Fuel Type	Gaseous			Diesel			
Output Amperage 120/240 V, 1ø 1.0 pf	417/371	542/488	625/567	62	83	125	200
Output Amperage 120/208 V, 3ø 0.8 pf	347/326	451/423	520/493	52	69	104	173
Output Amperage 120/240 V, 3ø 0.8 pf	301/283	391/367	451/427	45	60	90	150
Output Amperage 277/480 V, 3ø 0.8 pf	150/141	195/183	225/214	N/A	N/A	45	75
Fuel Consumption @ full load - diesel gal/hr (L/hr)	N/A			1.46 (5.53)	1.97 (7.46)	2.77 (10.49)	3.98 (15.07)
Fuel Consumption @ full load - LPG ft. ³ /hr	487	642	720	-	-	-	-
Fuel Consumption @ full load - NG ft. ³ /hr	1280	1797	2042	-	-	-	-
Quiet-Test Mode	Yes	Yes	Yes	Yes	Yes	Yes	Yes
db(A) at Exercise	-	-	-	65	65	65	65
db(A) at Normal Operating Load	70			70	70	70	70
Enclosure	Aluminum						
Enclosure Color	Bisque						
Warranty	5-Year Limited			5-Year Limited	5-Year Limited	5-Year Limited	5-Year Limited
Dimensions (L" x W" x H")	111 x 40 x 69			81 x 31 x 50	81 x 31 x 50	95 x 35 x 59	95 x 35 x 57
Weight (lbs)	2848			1528	1528	1857	2197
Standard Tank Size (gallons)	N/A			32	32	57	57
Extended Run Tank Size (gallons)	N/A			95	95	132	N/A
Extended Run Time Tank Dimensions (L" x W" x H")	N/A			81 x 31 x 65	81 x 31 x 65	95 x 35 x 68	N/A
Extended Run Time Tank Weight (lbs)	N/A			1757	1757	2070	N/A

TRANSFER SWITCHES

	AMPS	MODEL	240V, 2-POLE PHASE / DESCRIPTION	RATING
Smart Switches	100	RXSC100A3	Non-service rated transfer switch	UL / CUL
	100	RXSW100A3	Service rated transfer switch	UL
	150	RXSW150A3	Service rated transfer switch	UL
	200	RXSC200A3	Non-service rated transfer switch	UL / CUL
	200	RXSW200A3	Service rated transfer switch	UL
	200	RXGW20SHA3	200 amp service rated with integrated load center	UL
	300	RTSW300A3	Service rated transfer switch	UL
	400	RTSC400A3	Non-service rated transfer switch	UL / CUL
	400	RTSW400A3	Service rated transfer switch	UL
	600	RTSC600A3	Non-service rated transfer switch	UL / CUL
800	RTSC800A3	Non-service rated transfer switch	UL / CUL	
CSA Switch	100	RXSW100A3CUL	CSA approved service-rated	CUL
	200	RXSW200A3CUL	CSA approved service-rated	CUL
	400	RXSW400ABCUL	CSA approved service-rated	CUL
Limited Circuit	50	RXG10EZA1	10 circuit load center, includes all wire, circuit breakers, and conduit for installation, NEMA 1 rated	UL / CUL
	100	RXG16EZA1	16 circuit load center, includes all wire, circuit breakers, and conduit for installation, NEMA 1 rated	UL / CUL
	100	RXG16EZA3	16 circuit load center, expandable to 24 with use of tandem breakers, NEMA 3 rated	UL / CUL
Genready	100	RXG24SHA1 Whole House SER Transfer Switch and Load Center	100 Amp NEMA 1 with 24 space, 40 Circuit	UL
	200	RXG42SHA1 Whole House SER Transfer Switch and Load Center	200 Amp NEMA 1 with 42 space, 60 Circuit	UL
	N/A	5447 GenReady EZ Transfer Operator	EZ Operator install into 5448 to give automatic switch functionality	UL
	200 / 125	5449 GenReady with EZ Transfer Operator	200 Amp, 40 circuit combination electrical panel / transfer switch with the EZ Operator already installed	UL
	200 /125	5454 GenReady with EZ Operator NEMA 3R	200 Amp, 40 circuit combination electrical panel / transfer switch with the EZ Operator already installed	UL



For any questions or to learn more, visit us at
www.Generac.com

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