

Commercial Generators



A SOUND BUSINESS DECISION

GENERAC[®]





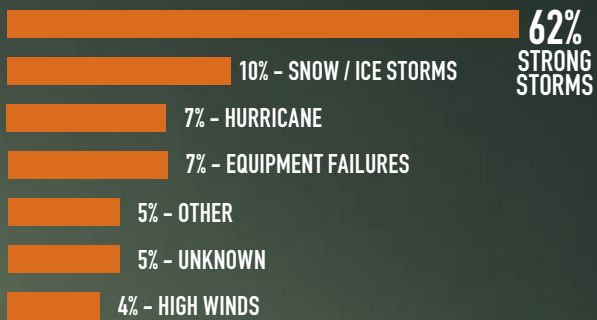
Yes we're **open.**

- Restaurant
- Gas station
- Supermarket
- Drug store
- Hotel
- Office building
- Pharmacy retail store
- Schools
- Television & Radio stations
- Warehouse
- Medical clinic
- Assisted living complex
- Fire and Police stations

GENERAC[®]

TOP CAUSES FOR POWER OUTAGES

Source: Generac Power Outage Explorer 2012



SINCE 1990 DEMAND
FOR ELECTRICITY HAS
INCREASED
400%

No power. No customers. **No revenue.**

Every year, more than two million U.S. businesses experience a power outage lasting eight hours or more. Because this statistic is so powerful, it pays to understand how much a power outage will cost your business.

The U.S. Department of Energy estimates that on average, power outages cost \$80 billion per year, and that 98 percent of those losses come from the business sector.

Financially speaking, power outages can cause substantial losses for the company affected. For example, according to the US Department of Energy, when a power failure disrupts IT systems...

- 33% of companies lose \$20,000–\$500,000
- 20% lose \$500,000 to \$2 million
- 15% lose more than \$2 million

A STANDBY GENERATOR OFTEN PAYS FOR ITSELF IN ONE OUTAGE

Business	Lost sales per hour*	Typical kW	Approx. generator cost installed	Payback hours
Convenience store/gas station	\$556	50	\$26,828	48
High-volume restaurant	\$881	150	\$37,000	42
Pharmacy	\$1,750	150	\$37,000	21
Supermarket	\$4388	300	\$80,779	18

* Does not include the costs of damage or inventory losses.



Are you at risk?

Lost revenue is only part of the story. Consider direct costs, intangible losses and how essential your products and services are during a power outage.

- Security systems become disabled, increasing the risk of theft
- Refrigerated goods spoil
- Employees are idled
- Interrupting manufacturing processes can cause long-term damage to equipment and product
- Computer systems go down and vital data is lost



Keep the lights on and the doors



Many businesses have a lot to offer customers during power outages. In addition to making revenue loss less likely, keeping the doors open can provide important customer benefits.

Convenience store / Gas station — Power lights, cash register, security system, refrigeration and fuel pumps to serve emergency workers, motorists evacuating the area and local clean-up efforts.

High-volume restaurant — Power lights, cash register, refrigeration, a full kitchen and remain open during an outage, serving people who need to eat out during the power failure.

Office environment — Power lights, computers, telephone and elevators. Keep sales coming in and customer service available.

Pharmacy — Power lights, refrigeration, computers/data systems, security system, cash register, and telephone to ensure customers can get medication and medical supplies during an emergency.



Generac. *A sound business decision*

As the world's number one manufacturer of home standby systems, Generac identified and responded to the need for affordable, higher kW units for small to mid-size businesses and larger residences. Generac's innovative engineering has eliminated the noise, cost, and environmental issues that once made standby power impractical for these applications.

Powered by liquid-cooled engines, these units offer the opportunity to add features and options to address individual applications, such as advanced controls for instant monitoring, without the cost of more expensive configured systems.

Guardian Series – 25, 30, 45, 60 kW

The higher kW nodes of Generac's Guardian Series are ideal for larger homes and small businesses.

- The solid reliability of an automotive-style, liquid-cooled engine provides whole-house power protection 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
- Neutral styling, color and small footprint fits unobtrusively into landscaping
- Single phase



QuietSource Series – 22, 27, 36, 48 kW

Premium features are standard on the ultimate standby generator. These units are powered by a low-speed engine for extra-quiet operation and come standard with an aluminum enclosure. QuietSource generators also include all the features of the Guardian Series 25 – 60 kW

- Ideal for homes requiring higher kW backup for amenities such as additional living areas, garages and 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 1800 RPM for a substantially quieter generator, consuming less fuel, and giving both the engine and the alternator a longer life



Protector™ Series – Diesel 15, 20, 30, 48/50 kW

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/CUL 142-listed, double-walled base tank
- UL/CUL 2200-listed generator

LP/Natural Gas 22-150kW **Coming soon in 2014**

Commercial Series – 22-150 kW

Generac's commercial generators are designed to run quietly, stand up to severe weather conditions, and offer built-in functionality to make generator ownership easy.

- Output in a variety of phases & voltages:
 - (1 ϕ) Single Phase 240V
 - (3 ϕ) Three Phase 208V
 - (3 ϕ) Three Phase 240V
 - (3 ϕ) Three Phase 480V
- Continuous fuel with choice of LP or natural gas
- Units are field convertible from natural gas to LP up to 48 kW
- Most models available for SCAQMD



Tough. Reliable. Purpose-Built.

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.



Quiet Operation

Our patented Quiet-Test mode allows your generator to run weekly self-tests at a lower rpm, is quieter, and consumes less fuel.

(17 kW & 20 kW only)



Intelligent and Affordable

DPM™ Technology intelligently manages household loads for a more affordable standby solution.

(Available only on 11 kW units and higher bundled with 200 Amp transfer switches).



Remote Monitoring

Mobile Link™ compatible, for wireless remote monitoring of your generator via your computer, tablet or smartphone.



Easy Installation and Service

Easily switch between natural gas and LP fuels in the field without the need for tools.



Evolution™ Controller

The next generation of intuitive controllers featuring a multilingual, two-line LCD text display with color-coded, backlit buttons.

(diesel only)





Durable, Tough Enclosures

PowerArmor TECHNOLOGY

Sturdy, all-weather enclosures made from either galvalume steel or corrosion-resistant aluminum modeled to withstand winds up to 150 mph, and with a fire rating, 3rd-party-certified to NFPA standards, that allows for installations as close as 18" to the home.



Nexus™ Controller

Easy monitoring and management of generator functions. Wireless ready, also includes LCD display and keypad, and alarm log. (spark ignited only)



TruePower™ Technology

Delivers best-in-class power quality with less than 5% total harmonic distortion for clean, smooth operation of sensitive electronics and appliances. (25 - 60 kW only)



OHVI® Engine

Purpose-built for the rigors of generator use, and requires significantly fewer scheduled maintenance checkups than competitive engines. (25 - 60 kW only)



Code Ready

To address the variances in code, Generac's Protector Series diesel units 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 also available to address any further code conformance requirements





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.

REMAIN POWERED THROUGHOUT AN OUTAGE. RETAIN CUSTOMERS, GAIN NEW ONES, AND KEEP YOUR REVENUE FLOWING.

Smart Switch™ Digital Power Management

Engineered with Generac's Digital Power Management (DPM) Technology, the Smart Switch has the ability to cycle two air conditioners on and off without adding additional components, allowing for a smaller generator to cover more circuits than when paired with a standard transfer switch.

- Cover more circuits with a smaller generator
- 100 – 800 Amp
- Service-rated and non-service-rated
- Add additional PMM modules & manage up to four more large loads
- NEMA 3R aluminum enclosure standard on 100 – 200 Amp switches
- Cover every circuit when paired with a higher kW generator



LTS Load Shed Switch

With a built-in 16-circuit load center, the LTS is the answer when more than six large loads need to be managed.

- 200 Amp, service-rated
- Aluminum NEMA 3R outdoor-rated enclosure

RTS Switches

With the RTS transfer switch, you can choose to cover every circuit all the time or only essential circuits depending upon the generator with which it is paired. RTS open-transition transfer switches are ideal for residential, commercial and light industrial applications. The only CSA-listed, service-rated transfer switches available in the industry.

Can be installed outdoors in applications where there is no garage or basement. Standard RTS transfer switches feature NEMA 3R enclosures for indoor or outdoor use.



- 100 – 800 Amp, 1 ϕ and 3 ϕ , non-service-rated
- Nema 3R rated rugged steel and aluminum enclosures
- Designed to operate with the digital control on air-cooled generators and the Nexus and Evolution™ controllers used on liquid-cooled gaseous generators from 22 – 150 kW



Controllers

Digital controls bring increased functionality to the generator system and oversee the transfer switch and its operation. Easily tracks functions, including oil pressure, coolant levels and voltage. Generac designs its own digital controls for superior reliability and system integration.

Generac has incorporated a sealed connection point philosophy resulting in durability and long-life protection:

- No corrosion
- No vibration
- No moisture
- No EMI & RFI
- No dust
- No static discharge

Digital Controllers (up to 150 kW)

Expanded features have created a controller for liquid-cooled models (22 -150 kW) with an improved user interface for easier monitoring and management of the generator functions. Now includes many features and alarms previously available only on larger models.

Features	Benefit
LCD display and keypad	Improved user interface. Provides accurate, real time readings to both owner and service contractor.
Wireless ready	Provides expandable interface capabilities consistent with trends in future communication capabilities.
Time & date	Assures speed and accuracy in maintaining key aspects of user interface such as scheduled maintenance and exercise cycles.
Alarm log	Provides accurate means of tracking both scheduled and unscheduled run time events that could effect maintenance, service and product life.
Run log	Maintains readings of run time in exercise cycles and use related to outages for improved accuracy in scheduling maintenance and determining product life.
Set exercise via display	Simple, easy-to-use control set-up provides the owner the option of at will setting/ changing exercise rather than total reliance of Service Contractor.
Engine hours display	Provides accurate run times to help assure proper maintenance intervals are maintained.
RPM and frequency displays	Hastens service diagnosis and provides immediate operation data at installation.
Hours under load	Provides insight into the consistency/quality of grid power input essential for adjusting maintenance intervals to actual hours rather than a time period.
Low fuel pressure	Helps to assure correct installation of fuel source at start-up
Dry contacts	A dry set of contacts allow for additional alert capability during shutdowns

Accessories

Generac offers more accessory options than any other generator manufacturer to ensure coverage requirements are met.



*Mobile Link LC adapter required for 22 Kw to 150 kW.

Mobile Link™ Remote Monitoring

Mobile Link™ is the affordable new cellular remote monitoring system that gives customers peace of mind, by allowing them to know the status of their generator anywhere, anytime, using their computer, tablet or smart phone through notifications and an interactive website.

Reliable. Affordable. Easy.

Mobile Link's cellular-based technology offers broad nationwide coverage and significant advantages over existing alternatives:

- Unlike competitive Ethernet solutions, which will not operate during a power outage, Mobile Link is powered by the generator's battery, eliminating the need for a costly UPS system.
- Installation and setup takes less than 15 minutes.
- Mobile Link is the lowest cost of any existing cellular monitoring solution.

Timely Notifications

StandbyStatus.com provides specific, accurate data on the status of your generator:

- Up to 40 different notifications, including successful exercise, maintenance reminders, change in status, low battery, and fault alert
- Select which notifications you wish to receive and when at up to 4 different email and 4 text message accounts
- Opt to send maintenance alerts to your authorized service/maintenance provider so they can proactively provide professional support

StandbyStatus.com

StandbyStatus.com features a user-friendly dashboard that allows customer to:

- View current generator status and upcoming maintenance needs
- Remotely set exercise schedule
- Review run and maintenance history
- Get local weather updates
- Change messaging settings



Wireless Remote Monitor

No need to go outside during inclement weather to check the generator status. Generac's wireless remotes give you instant status updates without ever leaving the house. Available for use on generators 8-150 kW*.

- Small and compact, approximately the width and height of a credit card
- Indicator lights and audible cues relay generator status
- Audible feature when attention is needed or battery is low
- Magnetic back for refrigerator mounting
- Completely wire-free, battery powered

*Remote monitor adapter required for 22 kW to 150 kW.

Digital Power Management

The Digital Power Management system consists of two parts. The first is the PMM (Power Management Module) Starter Kit, which includes the easily field installed 24VAC transformer and the first 50 amp, 24VAC actuated PMM. The transformer must be installed in the NEMA 3R Smart Switches to enable the use of PMMs. The second is the PMM, a 50 amp, 24VAC actuated contractor housed in a NEMA 3R enclosure for indoor and outdoor installation applications.



Transformer



PMM Module

Through the use of the PMMs in conjunction with any of the 100-800 amp, single phase switches, household or business loads can be intelligently managed enabling the use of a smaller, more efficient generator system. Up to four PMMs can be used with a single switch. Both the PMM Starter Kit and individual PMMs have a one year limited warranty.

Note: The Starter Kit and PMM will only work with the RTSR and RTSY transfer switches.

Auxiliary Transfer Switch Contacts

Manage the operation of your standby power supply efficiently. The auxiliary transfer switch contact kit allows a single large electrical load to be locked out from generator operation. If a home is equipped with electrical heat or multiple central air conditioning units, this device allows the generator transfer switch to interrupt the appliance's control wire, breaking the signal needed for the appliance to start. Works with 100-200 amp switches.



Cold Weather Kits

Optimize the performance of your standby generator in colder climates. Kit consists of battery warmer with an automatically controlled thermostat built in. When temperatures fall below an acceptable level, the thermostat activates the battery warmer, maintaining optimum battery temperature, and also activates the crank case oil heater* for smooth engine starting.



Cold Weather Kit

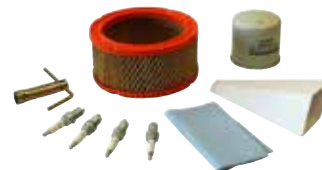
Highly recommended for areas where the temperature drops below 32° F. Air-cooled kits also include an adhesive engine crankcase warmer.

Extreme Cold Weather Kit (Liquid-cooled units only)

Includes block heater for climates where the temperature falls below 32° F for extended periods of time. To be used in conjunction with the appropriate cold weather kit. (Air-cooled units only).

Scheduled Maintenance Kits

Ensures the generator system is always in top operating condition and warranty requirements are met.



Specifications

Guardian Series

Model Number	QT02516ANSX	QT03016ANSX	QT04524ANSX	QT04524ANSC	QT06024ANSX	QT06024AVSX
Rated Power (LPG/NG)	25/25 kW	30/30 kW	45/45 kW	45/45 kW	60/60 kW	60/60 kW
Voltage (Single Phase)	240V	240V	240V	240V	240V	240V
Amps @ 240V LPG	104	125	188	188	N/A	250
Amps @ 240V NG	104	112.5	188	188	250	N/A
Engine/Alternator RPM	3600/3600	3600/3600	3600/3600	3600/3600	3600/3600	3600/3600
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.
Fuel Consumption @ full load LPG cu. ft/hr (gal/hr)	155 (4.3)	187 (5.1)	290 (8.0)	290 (8.0)	N/A	327 (9.0)
Fuel Consumption @ full load - NG cu. (ft/hr)	390	470	730	730	862	N/A
Quiet-Test Mode	Yes	Yes	Yes	Yes	Yes	Yes
db(A) at Exercise	62	62	61	61	65	65
db(A) at Normal Operating Load	72	72	73	73	72	72
Automatic Transfer Switch	Not Included	Not Included	Not Included	Not Included	Not Included	Not Included
Enclosure	Steel	Steel	Steel	Steel	Steel	Steel
Enclosure Color	Bisque	Bisque	Bisque	Bisque	Bisque	Bisque
Warranty	2 Year Limited	2 Year Limited	2 Year Limited	2 Year Limited	2 Year Limited	2 Year Limited
Dimensions (L" x W" x H")	62.2 x 29 x 33.5	62.2 x 29 x 33.5	77 x 33.5 x 45	77 x 33.5 x 45	77 x 33.5 x 45	77 x 33.5 x 45
Generator Weight (lbs.)	875	935	1414	1414	1441	1441
SCAQMD Model	•	•		•		

Commercial Series 22-150 kW

Model Number	QT02224	QT02515	QT02724	QT03015	QT03624	QT04524
Rated Power LP	22 kW	25 kW	27 kW	30 kW	36 kW	45 kW
Rated Power NG	22 kW	25 kW	25 kW	27 kW	35 kW	45 kW
Amps @ 240V, 1 Ø LP/NG	92	104	112 / 104	125 / 112	150 / 146	188
Amps @ 208V, 3 Ø LP/NG	76	87	94 / 87	104 / 94	125 / 121	156
Amps @ 240V, 3 Ø LP/NG	66	75	81 / 75	90 / 81	108 / 105	135
Amps @ 480V, 3 Ø LP/NG	N/A	N/A	N/A	N/A	54 / 52	68
Engine/Alternator RPM	1800/1800	3600/3600	1800/1800	3600/3600	1800/1800	3600/3600
Engine Size	2.4L	1.5L	2.4L	1.5L	2.4L	2.4L
Cylinder Arrangement	In-line 4	In-line 4	In-line 4	In-line 4	In-line 4	In-line 4
Fuel Consumption LPG	125 (3.4)	155 (4.3)	143 (3.9)	187 (5.1)	200 (5.5)	240 (8.0)
Fuel Consumption NG	316	390	359	470	503	730
Quiet-Test Low Speed Mode	Yes	Yes	Yes	Yes	Yes	Yes
db(A) at Exercise	61	62	62	62	58	61
db(A) at Normal Operating Load	70	72	75	72	64	73
Transfer Switch Type Needed	RTS	RTS	RTS	RTS	RTS	RTS
Enclosure Material	Aluminum	Steel	Aluminum	Steel	Aluminum	Steel
Enclosure Color	Grey	Bisque	Grey	Bisque	Grey	Bisque
Dimensions (L" x W" x H")	62.2 x 29 x 33.5	62.2 x 29 x 33.5	62.2 x 29 x 33.5	62.2 x 29 x 33.5	77 x 33.5 x 45	77 x 33.5 x 45
Generator Weight Steel (lbs.)	N/A	875	N/A	935	N/A	1414/1464 ²
Generator Weight Aluminum (lbs.)	N/A	N/A	891	N/A	1271	N/A

For complete ordering options, review the Product Selection Guide.

QuietSource Series

Model Number	QT02224ANAX	QT02724ANAX	QT03624ANAX	QT04842ANAX	QT04842ANAC
Rated Power (LPG/NG)	22/22 kW	27/25 kW	36/35 kW	48/48 kW	48/48 kW
Voltage (Single Phase)	240V	240V	240V	240V	240V
Amps @ 240V LPG	92	112	150	200	200
Amps @ 240V NG	92	104	146	192	192
Engine/Alternator RPM	1800/1800	1800/1800	1800/1800	1800/1800	1800/1800
Engine	In-line 4-Cyl.	In-line 4-Cyl.	In-line 4-Cyl.	V6	V-6
Fuel Consumption @ full load LPG cu. ft/hr (gal.hr)	125 (3.4)	143 (3.9)	200 (5.5)	302 (7.96)	260 (7.20)
Fuel Consumption @ full load NG cu. ft/hr (gal.hr)	316	359	503	756	655
Quiet-Test Mode	Yes	Yes	Yes	Yes	Yes
db(A) at Exercise	61	61	58	63	60
db(A) at Normal Operating Load	70	70	64	68	65
Automatic Transfer Switch	Not Included	Not Included	Not Included	Not Included	Not Included
Enclosure	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum
Enclosure Color	Gray	Gray	Gray	Gray	Grey
Warranty	2 Year Limited	2 Year Limited	2 Year Limited	2 Year Limited	2 Year Limited
Dimensions (L" x W" x H")	62.2 x 29 x 33.5	62.2 x 29 x 33.5	77 x 33.5 x 45	77 x 33.5 x 45	77 x 33.5 x 45
Generator Weight (lbs.)	843	891	1271	1360	1360
SCAQMD Model	•	•			•

QT04842	QT06024	QT07068	QT08046	QT10068	QT13068	QT15068
48 kW	60 kW	70 kW	80 kW	100 kW	130 kW	150 kW
46 kW	60 kW	68 kW	80 kW	97 kW	130 kW	150 kW
200 / 192	250	279 / 267	320	417 / 371	542	625
167 / 160	208	243 / 232	278	347 / 326	452	521
144 / 138	180	210 / 201	249	301 / 283	391	452
72 / 69	90	105 / 101	120	151 / 141	196	226
1800/1800	3600/3600	1800/1800	3600/3600	2300/1800	3000/1800	3600/3600
4.2L	2.4L	6.8L	4.6L	6.8L	6.8L	6.8L
V-6	In-line 4	V-10	V-8	V-10	V-10	V-10
260 (7.2)	327 (9.0)	411 (11.3)	465 (12.78)	507 (13.9)	719.8 (19.56)	830.6 (22.6)
655	862	1020	1154	1260	1786	2061
Yes	Yes	Yes	Yes	Yes	Yes	Yes
60	65	61	64	61	65	66
65	72	65	74	72	75	79
RTS	RTS	RTS	RTS	RTS	RTS	RTS
Aluminum	Steel or Alum*	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum
Grey	Bisque	Bisque	Bisque	Bisque	Bisque	Bisque
77 x 33.5 x 45	77 x 33.5 x 45	96.5 x 37 x 48	116 x 37 x 55	116 x 37 x 55	116 x 37 x 55	116 x 37 x 555
N/A	1539	N/A	N/A	N/A	N/A	N/A
1740	1422	2040	1836	2581	2749	2542

Protector Series

60 Hz Model	RD015	RD020	RD030	RD048*/RD050
Rated Power	15 kW	20 kW	30 kW	48 / 50 kW
Engine Alternator RPM	1800/1800	1800/1800	1800/1800	1800/1800
Engine	In-line 4-Cyl.	In-line 4-Cyl.	In-line 4-Cyl.	In-line 4-Cyl.
Fuel Type	Diesel	Diesel	Diesel	Diesel
Output Amperage 120/240 V, 1 ϕ 1.0 pf	62	83	125	200
Output Amperage 120/208 V, 3 ϕ 0.8 pf	52	69	104	173
Output Amperage 120/240 V, 3 ϕ 0.8 pf	45	60	90	150
Output Amperage 277/480 V, 3 ϕ 0.8 pf	n/a	n/a	45	75
Fuel Consumption @ 1/2 load - gal/hr (L/hr)	0.79 (2.99)	1.05 (3.97)	1.45 (5.5)	2.15 (8.14)
Fuel Consumption @ full load - gal/hr (L/hr)	1.48 (5.58)	1.98 (7.48)	2.74 (10.4)	3.98 (15.07)
Quiet-Test Mode	Yes	Yes	Yes	Yes
db (A) at exercise	65	65	65	65
db (A) at normal operating load	70	70	70	70
Enclosure	Steel	Steel	Steel	Steel
Enclosure Color	Gray	Gray	Gray	Gray
Warranty	3 Year Limited	3 Year Limited	3 Year Limited	3 Year Limited
Dimensions L"x W"x H" (in)	63 x 31 x 51	63 x 31 x 51	77 x 35 x 54	77 x 35 x 54
Weight (lbs.)	1449	1474	1685	2066

*1 ϕ only

50 Hz Model	RD012	RD016	RD024	RD040
Rated Power	15 kVA	20 kVA	30 kVA	50 kVA
Engine Alternator RPM	1500/1500	1500/1500	1500/1500	1500/1500
Engine	In-line 4-Cyl.	In-line 4-Cyl.	In-line 4-Cyl.	In-line 4-Cyl.
Fuel Type	Diesel	Diesel	Diesel	Diesel
Output amperage 110/220 V, 1 ϕ , 1.0 pf	55	73	109	182
Output amperage 231/400 V, 3 ϕ , 0.8 pf	-	-	43	72
Fuel Consumption @ 1/2 load - gal/hr (L/hr)	0.63 (2.38)	0.84 (3.18)	1.16 (4.39)	1.72 (6.51)
Fuel Consumption @ full load - gal/hr (L/hr)	1.19 (4.50)	1.59 (6.02)	2.19 (8.29)	3.18 (12.04)
Quiet-Test Mode	Yes	Yes	Yes	Yes
db (A) at exercise	65	65	65	65
db (A) at normal operating load	70	70	70	70
Enclosure	Steel	Steel	Steel	Steel
Enclosure Color	Gray	Gray	Gray	Gray
Warranty	3 Year Limited	3 Year Limited	3 Year Limited	3 Year Limited
Dimensions L"x W"x H" (cm)	158 x 78 x 130	158 x 78 x 130	193 x 89 x 137	193 x 89 x 137
Weight (kg.)	656	667	763	936

Transfer Switches

Smart Switches

Model	RTSR100A3	RTSY100A3	RTSY150A3	RTSR200A3	RTSY200A3	RTSR400A3	RTSY400A3
Amp Rating	100	100	150	200	200	400	400
Service Rated	No	Yes	Yes	No	Yes	No	Yes
Voltage	120/240	120/240	120/240	120/240	120/240	120/240	120/240
Phase	Single	Single	Single	Single	Single	Single	Single
Enclosure Rating	NEMA 3R	NEMA 3R	NEMA 3R	NEMA 3R	NEMA 3R	NEMA 3R	NEMA 3R
Enclosure Material	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Steel	Steel
Dimensions (H" x W" x D")	20 x 14.6 x 7.1	20 x 14.6 x 7.1	30 x 13.5 x 6.3	20 x 14.6 x 7.1	30 x 13.5 x 6.3	36 x 24 x 10.1	48 x 21.8 x 10.1
Weight (lbs)	20	22.5	39	20	39	133	140
UL Listed	Yes	Yes	Yes	Yes	Yes	Yes	Yes
CUL Listed	Yes	No	Yes	Yes	No	Yes	No

RTS Switches

Model	RTSN100G3	RTSN100K3	RTSN100J3	RTSN200G3	RTSN200K3	RTSN200J3	RTSN400G3	RTSN400K3
Amp Rating	100	100	100	200	200	200	400	400
Service Rated	No	No	No	No	No	No	No	No
Voltage	208V, 3-pole	480V, 3-pole	240V, 3-pole	208V, 3-pole	480V, 3-pole	240V, 3-pole	208V, 3-pole	480V, 3-pole
Phase	3 ϕ	3 ϕ	3 ϕ	3 ϕ	3 ϕ	3 ϕ	3 ϕ	3 ϕ
Enclosure Rating	NEMA 3R	NEMA 3R	NEMA 3R	NEMA 3R	NEMA 3R	NEMA 3R	NEMA 3R	NEMA 3R
Enclosure Material	Steel	Steel	Steel	Steel	Steel	Steel	Steel	Steel
Dimensions (H" x W" x D")	24.1 x 20.2 x 7.1	36.1 x 20.2 x 10.0	24.1 x 20.2 x 7.1	24.1 x 20.2 x 7.1	48.1 x 30.1 x 13.1	24.1 x 20.2 x 7.1	36.1 x 24.0 x 10	48 x 24.0 x 10
Weight (lbs)	20	135	57	48	105	65	160	133
UL/CUL Listed	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Accessories

Model	Description	Contents
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Remote Monitoring Options

6463	Mobile Link™ remote monitoring system	
6478	Mobile Link™ LC adapter	
5958	Remote liquid-cooled adapter	
5959	Advanced remote liquid-cooled adapter	

Load Management Options

5621	Auxiliary transfer switch contact kit	Contact, screws and washers
6186	Power Management Module (PMM)	50 Amp contact NEMA 3R enclosure
6199	PMM Starter Kit	24VAC transformer and one PMM

Miscellaneous

5703	Bisque paint kit - Units mfg after 4/08	
5704	Medium grey paint kit - Units mfg after 4/08	

Cold Weather Kits

6175	For 1.5L engines, 25 & 30 kW	28" Battery warmer, zip ties and thermostat
5630	For 2.4L engines, 22, 27, 36 & 60 kW	28" Battery warmer, zip ties and thermostat
5632	For 5.4L engines, 48 kW	44" Battery warmer, zip ties and thermostat

Extreme Cold Weather Kits

5615	For 1.5L engines; 25, 30 kW	Block heater & associated mounting hardware
5616	For 2.4L engines; 22,27, 36, 60 kW	Block heater & associated mounting hardware
5618	For 4.2L engines, 48 kW	Block heater & associated mounting hardware
5619	For 4.6L engines; 80 kW	Block heater & associated mounting hardware
5620	For 70, 100, 130 kW	Block heater & associated mounting hardware
5667	For 150 kW	Block heater & associated mounting hardware

Liquid-Cooled Cold Weather Kits

5631	For 4.2L engines, 48 kW	
5633	For 6.8L gear drive units	

Scheduled Maintenance Kits

5656	2.4L engines; 22 & 27 kW	
5984	2.4L engines; 36 kW	
6172	2.4L engines; 45 kW	
6171	2.4L engines; 60 kW	

Liquid-Cooled Scheduled Maintenance Kits

5655	QT02516, QT03016	
5656	QT02224, QT02724	
5657	QT06030	
5658	QT04842	
5984	QT03624, QT06024	
5985	QT8046	
5660	QT7068, QT10068, QT13068, QT15068	

RTSN400J3	RTSN600A3	RTSN600G3	RTSN600K3	RTSN600J3	RTSN800A3	RTSN800G3	RTSN800K3	RTSN800J3
400	600	600	600	600	800	800	800	800
No	No	No	No	No	No	No	No	No
240V, 3-pole	240V, 2-pole	208V, 3-pole	480V, 3-pole	240V, 3-pole	240V, 2-pole	208V, 3-pole	480V, 3-pole	240V, 3-pole
3ø	1ø	3ø	3ø	3ø	1ø	3ø	3ø	3ø
NEMA 3R	NEMA 3R	NEMA 3R	NEMA 3R	NEMA 3R	NEMA 3R	NEMA 3R	NEMA 3R	NEMA 3R
Steel	Steel	Steel	Steel	Steel	Steel	Steel	Steel	Steel
36.1 x 24.0 x 10	66.0 x 36.0 x 21.0	66.0 x 36.0 x 21.0	66.0 x 36.0 x 21.0	66.0 x 36.0 x 21.0	66.0 x 36.0 x 21	66.0 x 36.0 x 21	66.0 x 36.0 x 21	66.0 x 36.0 x 21
133	439	338	353	338	338	338	353	353
Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

LP / NG LIQUID-COOLED EASY ORDER SELECTION GUIDE



To determine the correct product codes for a Commercial Series liquid-cooled generator and transfer switch follow the steps below. A product code is required to order. To place an order, e-mail or fax the product codes to your inside sales representative or place your order online. If you have questions, call 1-888-Generac. Freight is FOB factory. Charges will be determined at the time of order.

	STEP 1	STEP 2	STEP 3	STEP 4	STEP 5	STEP 6
	kW Ratings e.g. (45 kW = 045)	Engine e.g. (6.8L = 68)	Voltage 120/240 1Ø = A 120/208 3Ø = G 120/240 3Ø = J 277/480 3Ø = K	Fuel Natural Gas = N Propane Vapor = V Field Convertible to LP = *	Enclosure Steel = S Aluminum = A	Emission/Catalytic Converter No Catalyst = X ¹ Catalyst & A/F Ratio = C ²
ALL PRODUCT CODES BEGIN WITH QT	22	2.4L @ 1800 RPM	A,G,J	N*	A	X
	25	1.5L @ 3600 RPM	A,G,J	N*	S	X
	27	2.4L @ 1800 RPM	A,G,J	N*	A	X
	30	1.5L @ 3600 RPM	A,G,J	N*	S	X
	36 ³	2.4L @ 1800 RPM	A, G, J, K	N*	A	X
	45	2.4L @ 3600 RPM	A, G, J, K	N*	S	X, C
	48	5.4L @ 1800 RPM	A, G, J, K	N*	A	X, C
	60 ³	2.4L @ 3600 RPM	A, G, J, K	N, V	S, A	X
	70	6.8L @ 1800 RPM	A, G, J, K	N, V	A	X, C
	80 ³	4.6L @ 3600 RPM	A, G, J, K	N, V	A	X
	100	6.8L @ 2300 RPM Gear Drive	A, G, J, K	N, V	A	C
130	6.8L @ 3000 RPM Gear Drive	A, G, J, K	N, V	A	C	
150	6.8L @ 3600 RPM	A, G, J, K	N, V	A	C	
SAMPLE ↓ QT	060	24	G	N	S	X
Q T <input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

PRODUCT CODE (Enter on Order Form)

- 1 = 22 - 30 kW - CARB emission compliant in State of California and City of Los Angeles and do not require a catalyst. Emission compliant in State of Massachusetts.
- 2 = Catalyst & A/F Ratio may not be available for all models required for California and Massachusetts. Contact your Generac representative for details on these emission requirements.
- 3 = Not available with catalyst. Units are not CARB Compliant and may not be sold in state of California, City of Los Angeles, and state of Massachusetts.
- * = Units are field convertible through 48 kW and are shipped for use with Natural Gas.

TRANSFER SWITCHES

	STEP 1	STEP 2	STEP 3	STEP 4	STEP 5
SELECTION CRITERIA	Transfer Switch Used With Generator Controller R Controller, Nexus Controller = RTS or Evolution Controller	Switch Type PMM Load Shedding= R ¹ Service Entrance Rated PMM Load Shedding= Y ¹ 16 Circuit Load Shedding = J ² All 3Ø = N	Amp Rating e.g. (200 Amp = 200)	Voltage 120/240 1Ø = A 120/208 3Ø = G 120/240 3Ø = J 277/480 3Ø = K ³	Enclosure Type NEMA 3R= 3
For Standby Generators 22 - 150 kW	RTS	R, Y, J, N	100, 150⁴, 200, 300⁴, 400, 600, 800	A, G, J, K	3
SAMPLE →	R T S	R	200	A	3
PRODUCT NUMBER (Enter on Order Form)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

- 1 = 120/240 1Ø, 100 - 800 Amp NEMA 3R non-service rated only
- 2 = 120/240 1Ø, 200 Amp service entrance rated NEMA 3R
- 3 = 277/480 3Ø phase only for 36-150 kW
- 4 = 150 & 300 Amp only available in RTSY150A3 and RTSY300A3 configuration

NOTE: THERE ARE NO RETURNS, CHANGES OR CANCELLATIONS ON GENERAC COMMERCIAL SERIES ORDERS. THIS EQUIPMENT IS BUILT-TO-ORDER ONCE PAYMENT IS RECEIVED.

DIESEL EASY ORDER SELECTION GUIDE



To determine the correct product codes for a diesel generator and transfer switch follow the steps below. A product code is required to order. To place an order, e-mail or fax the product codes to your inside sales representative or place your order online. If you have questions, call 1-888-Generac. Freight is FOB factory. Charges will be determined at the time of order.

	STEP 1	STEP 2	STEP 3	STEP 4	STEP 5	STEP 6
	kW Ratings e.g. (15 kW = 015)	Engine e.g. (2.3L = 23)	Voltage 120/240 1ø = A 120/208 3ø = G 120/240 3ø = J 277/480 3ø = K	Fuel Diesel = D	Enclosure Steel = S	Tank Extended Tank = E
ALL DIESEL PRODUCT CODES BEGIN WITH RD	015 020 030 048* 050*	2.3L @ 1800 RPM 2.3L @ 1800 RPM 2.4L @ 1800 RPM 3.4L @ 1800 RPM 3.4L @ 1800 RPM	A, G, J A, G, J A, G, J, K A*, G, J, K A*, G, J, K	D D D D D	S S S S S	E E E E E
SAMPLE ↓	R D	2 4	G	D	S	E
	R D <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

PRODUCT CODE (Enter on Order Form)

* = 48kW in single phase configuration only. 50kW in three phase configuration only.

TRANSFER SWITCHES

	STEP 1	STEP 2	STEP 3	STEP 4	STEP 5
SELECTION CRITERIA	Transfer Switch Used With Generator Controller R Controller, Nexus Controller = RTS or Evolution Controller	Switch Type PMM Load Shedding= R ¹ Service Entrance Rated PMM Load Shedding= Y ¹ 16 Circuit Load Shedding = J ² All 3ø = N	Amp Rating e.g. (200 Amp = 200)	Voltage 120/240 1ø = A 120/208 3ø = G 120/240 3ø = J 277/480 3ø = K ³	Enclosure Type NEMA 3R= 3
For Standby Generators 22 - 150 kW	RTS	R, Y, J, N	100, 150⁴, 200, 300⁴, 400, 600, 800	A, G, J, K	3
SAMPLE →	R T S	R	2 0 0	A	3
PRODUCT NUMBER (Enter on Order Form)	<input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/>	<input type="text"/>

- 1 = 120/240 1ø, 100 - 800 Amp NEMA 3R non-service rated only
- 2 = 120/240 1ø, 200 Amp service entrance rated NEMA 3R
- 3 = 277/480 3ø phase only for 36-150 kW
- 4 = 150 & 300 Amp only available in RTSY150A3 and RTSY300A3 configuration

NOTE: THERE ARE NO RETURNS, CHANGES OR CANCELLATIONS ON GENERAC COMMERCIAL SERIES ORDERS. THIS EQUIPMENT IS BUILT-TO-ORDER ONCE PAYMENT IS RECEIVED.

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Contact your local dealer or
distributor for more information
or visit www.generac.com

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Generac Power Systems, Inc.
S45 W29290 Hwy. 59, Waukesha, WI 53189
1-888-GENERAC (1-888-436-3722)

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