

# Residential & Small Business Generators



CONTROL YOUR POWER. CONTROL YOUR LIFE.

**GENERAC**<sup>®</sup>





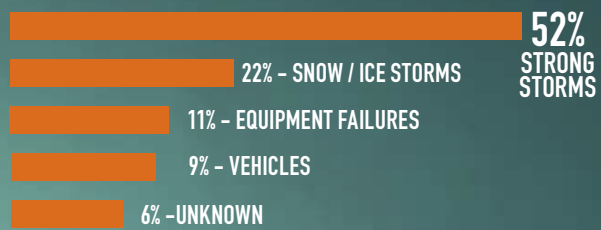
## Imagine your life **without** power?

- Refrigeration/freezer for food and medicines
- Furnace
- Air conditioning
- Lighting – inside and outside
- Clean water for drinking and bathing
- Sump pump
- Kitchen appliances
- Contact with the outside world; Internet, cell phone chargers, TV, radio and more
- Washing and drying clothes
- Security system
- Garage door opener
- Fans
- Medical equipment
- Charging power tools for use during the emergency and post-outage cleanup
- Monetary loss from temporary relocation, hotel costs, dining out, property damage, etc.

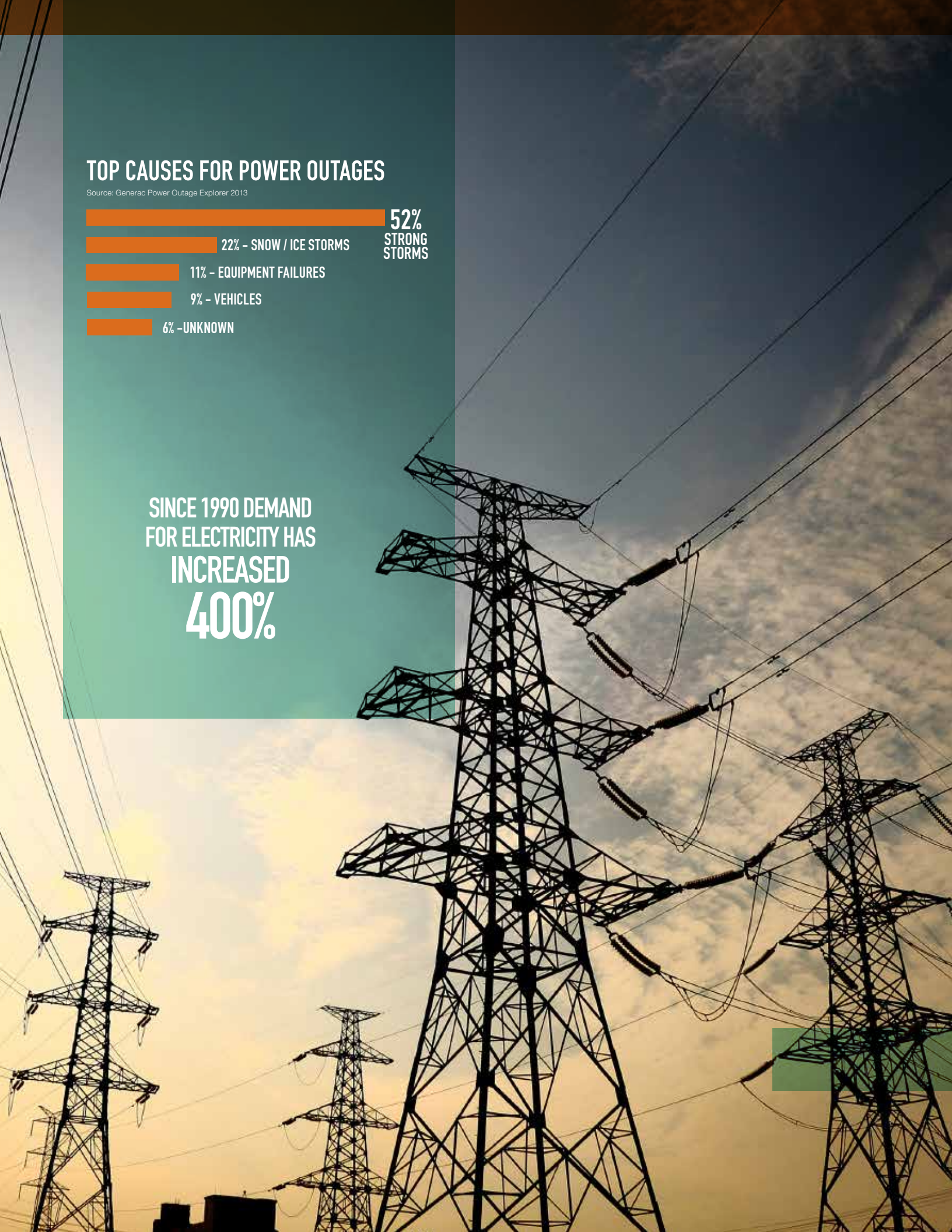
**GENERAC**<sup>®</sup>

## TOP CAUSES FOR POWER OUTAGES

Source: Generac Power Outage Explorer 2013



SINCE 1990 DEMAND  
FOR ELECTRICITY HAS  
INCREASED  
**400%**



# Power. Our lives depend on it

From essentials like heating, cooling and lights, to daily necessities like cooking, laundry and the kid's bath-time, our lives run on electricity. Unfortunately, our modern lifestyles are in ever-greater jeopardy; power outages are occurring more frequently than ever and lasting longer, with devastating effects. Protect your home and family with a Generac automatic standby generator and keep life going without disruption.

## The #1 choice 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, chosen seven to one over the closest competition. When you choose Generac, you're choosing to have peace of mind and the power to live.

The broadest home standby generator product line means that you can have the exact amount of coverage you need—no compromising.

Generac's powerful OHVI® Engine is purpose-built for the rigors of generator use, for reliability that is second to none.

Automatic backup power means your home is always protected—even when you're away.

Options come in liquid propane or natural gas—the direct hookup means never dealing with cords or gas cans again.

**7 OUT-OF 10 HOMEOWNERS CHOOSE GENERAC**

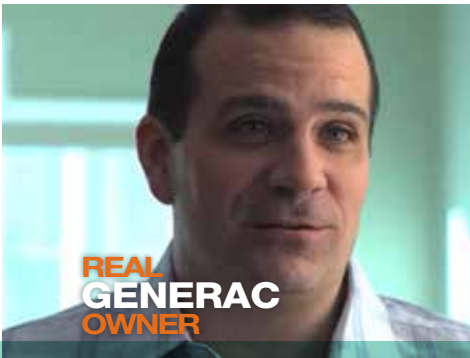
Source: Frost & Sullivan, SBI, TraQline



**CONTROL** YOUR POWER.  
YOUR LIFE.™

**24-7**  
**POWER**  
**PROTECTION**





“IT’S ONE OF THE BEST INVESTMENTS I’VE EVER MADE IN THIS HOUSE.”  
- David Panzarella

THE GENERAC PROMISE



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

The Generac Promise means that our 8 – 22 kilowatt Guardian® Series home backup generators will give you peace of mind and the power to live. It means that we engineer and build them here in America\*. It means we stand behind them with a strong 5-year limited warranty. We promise to continue to innovate, like with our new Mobile Link™ cellular monitoring system, so you’ll know the status of your generator, no matter where you are. And if you ever need to call, we’re standing by 24/7, every minute of every day, ready to pick up the phone right here in Wisconsin.

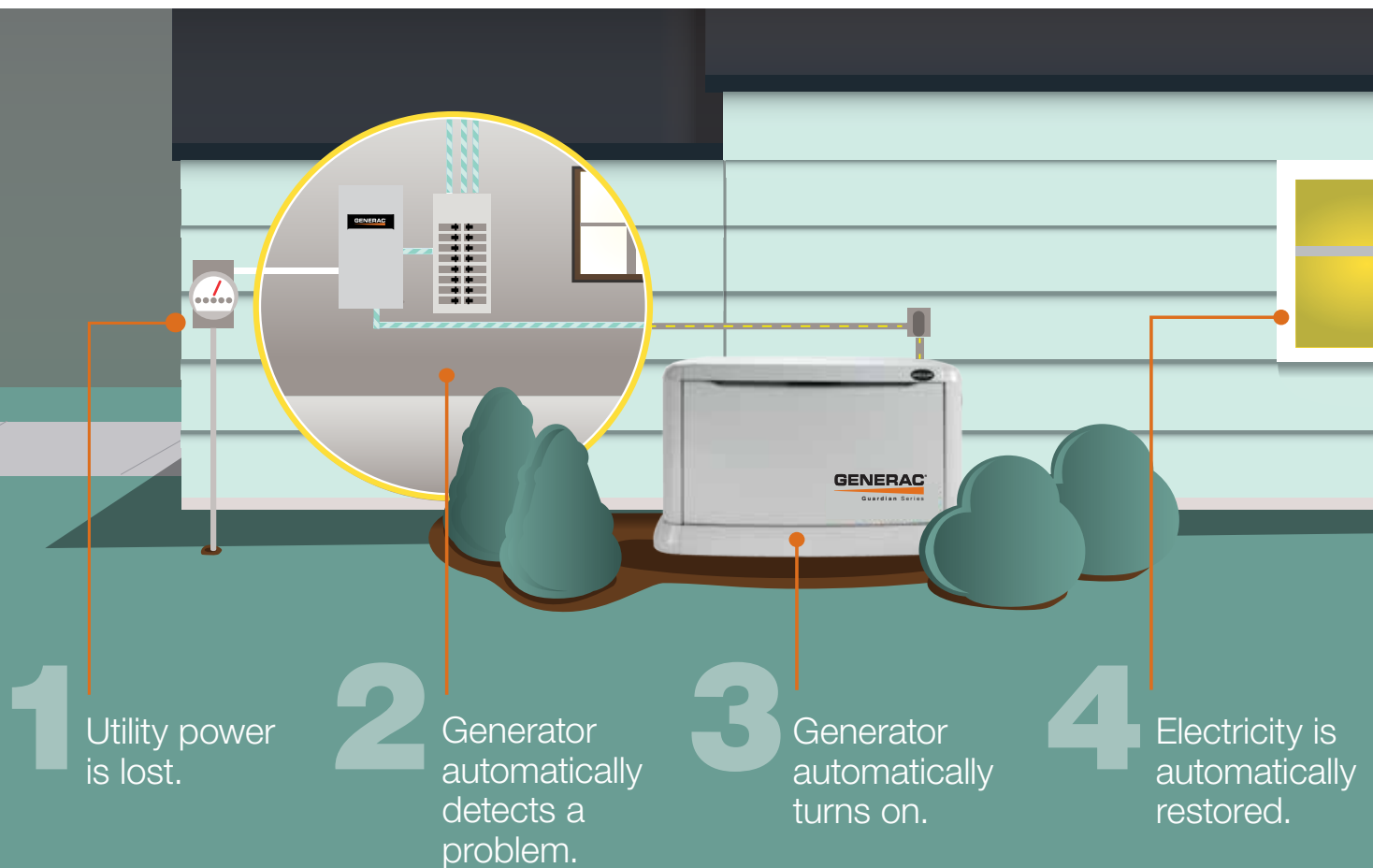
Reliable. Dependable. We promise.

\*Built in the USA using domestic and foreign parts



## How a generator works

If your power goes out, your generator comes on – automatically. It's really that simple. The generator system consists of a generator and transfer switch. The generator sits outside of your home or business just like a central air conditioner, while the transfer switch is located next to the main breaker box, and in some cases replaces it entirely.





“MY FAMILY’S GOING TO BE SAFE AND SECURE  
IN MY HOUSE BECAUSE OF THIS GENERATOR.”

- Greg Beappler

## Sizing a generator is based on **your needs**

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 true whole-house coverage to protect it all.

### How much power do you need?

With the broadest product line in the industry, Generac ensures the best possible backup power system for every homeowner, and one that is right for you.



Essential Circuit Coverage



Managed Whole-house



Complete Whole-house

#### Essential Circuit Coverage

##### **ECONOMICAL SOLUTIONS COVER THE BASICS.**

Many homeowners choose to cover only their essential circuits during an outage. Choose from options that create a simple, economical solution that keeps basics covered during an emergency.

#### Managed Whole-House

##### **POWER MANAGEMENT GAINS MORE COVERAGE FROM A SMALLER GENERATOR.**

Gain up to 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.

#### Complete Whole-House

##### **WHEN THE POWER GOES OUT, EVERYTHING COMES ON AND STAYS ON.**

Generac’s full line of backup power solutions includes 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.

“THE GENERAC UNIT MAKES IT VERY EASY.”

- Eve Hershkowitz



## Generac offers a wide **range of sizes**

Consumers choose Generac automatic generators not only for their proven reliability, but for the innovative features, engineered with home and business owners in mind.

## PowerPact™ - 7 kW unit



Generac's 7 kW 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, 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 delivers provides clean, smooth operation of sensitive electronics and appliances



## Guardian Series® – 8, 11, 16, 20, 22 kW units



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 LP or natural gas 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
- Choose from a pre-wired switch for essential-circuit coverage, or our Smart Switch™ for managed whole-house coverage
- The only standby generator certified for natural gas operation at 3.5" of water column to accommodate low-pressure areas.
- Programmable exercise function - choose weekly, bi-weekly or monthly



22 kW Guardian Series generator offers additional, premium features:

- Lowest cost per kilowatt of any air-cooled home standby generator
- Aluminum enclosure standard, providing excellent protection in salt-air coastal areas
- External GFCI outlet

## EcoGen – 15 kW unit



Generac offers the only 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 propane gas, an alternative fuel that stores easily and indefinitely, and is freely available at many off-grid locations
- Features Generac's own V-Twin OHVI® industrial engine, developed specifically for generator use
- G-Flex™ Technology allows the EcoGen home standby generator to vary it's speed based on



# 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.



## Utility-Grade Power

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.



## Tough, Durable Enclosures

Sturdy, all-weather enclosures made from either galvanized 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.



## Install Virtually Anywhere

Certified for natural gas operation at 3.5" of water column to accommodate municipalities with low gas pressure.



## Quiet-Test™ Self-test Mode

All standby generators run a weekly test to ensure the system is running properly. Thanks to Quiet-Test, your Guardian Series home standby generator runs its self-test at a lower, quieter RPM than standard operation, and can be programmed to run weekly, bi-weekly, or monthly.



## Remote Monitoring

Mobile Link™ compatible, for wireless remote monitoring of your generator via your computer, tablet or smartphone. *(7-150 kW only)*



**REAL  
GENERAC  
OWNER**

“ I CAN RELY ON IT 150%. ”

- Dorothy McCann



# The Generac OHVI® Engine

The heart of the Guardian Series 8-22 kW residential generators is the Generac OHVI engine, purpose-built for the rigors of power generation. The OHVI engine utilizes the same type of pressurized oil lubrication used to give automobile engines long and trouble-free lives. 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.



## Smart, User-friendly Controls

Generac's Evolution™ Controller features a dual-line, multilingual LCD display in English, Spanish, French and Portuguese, allowing for easy monitoring of history and maintenance logs, as well as management of generator functions. Also features a built-in hour meter to monitor run times, provide information to determine maintenance intervals, and trigger reminders.



## 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).*



## Tool-less Fuel Conversion

Tool-less Fuel Conversion allows for easy switching between natural gas and LP fuels in the field without the need for tools.



## 5-Year Limited Warranty

We are proud of our innovative product design, high quality and first-class reliability so that is why we stand behind them with a strong 5-year limited warranty.



## Convenient Installation

Certified for optimal placement 18" away from a building



# When more power is needed .....

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 smaller 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 – 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 142 / ULC SG01-listed, double-walled base tank
- UL/CUL 2200-listed generator
- Aluminum, weather-resistant enclosures

## **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
- The best liquid-cooled engine packs more power into a smaller footprint
- 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 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. 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



Need three-phase options or more than 60 kW?  
Ask your dealer about Generac's commercial generators.



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

- Steven Beck



# 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.

## New Home Construction



### GenReady™ Load Center

New home construction or renovations that require electrical upgrades are the ideal time to install Generac's GenReady Load Center. Because it's a hybrid electrical distribution panel with an internal transfer switch, you will enjoy substantial savings on installation and a simplified generator system.

The advanced engineering of the GenReady Load Center replaces the home's main circuit panel and incorporates the automatic transfer switch, in the form of the EZ Transfer Operator™, with the emergency panel. All power switching is handled within one unit, so it becomes a hybrid circuit panel capable of separating out only the electrical circuits chosen to be covered during a power outage.

- One circuit box replaces traditional two-and three-box setups, saving on installation costs and minimizing wall space requirements
- 40-circuit capacity with the use of tandem breakers
- Dimensions same as a standard 42-circuit main load center
- Compatible with generators rated up to 125 Amps/30 kW
- Both NEMA 1 and NEMA 3R enclosures available
- Accommodates Siemens, SquareD and GE 1" breakers



## Essential-Circuit Coverage



### Pre-wired Transfer Switch

Generac's pre-wired switch is the answer for homeowners who choose to backup selected circuits rather than an entire house. Pre-wired, they are the easiest installation on the market and offer the greatest value and the lowest installation cost in most cases.

- Available with 10, 12, 14, or 16 circuits
- 30 ft. pre-wired conduit for connecting the transfer switch to the external connection box
- 2 ft. pre-wired conduit for moving circuits from the main panel to the transfer switch
- Pre-wired external connection box with a weatherproof conduit for generator connections





## Power Management - Whole House Coverage

### 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



CSA models RTS-Y, J



CSA models RTS-Y, J



RTS-R models

Use service-rated Smart Switches™ (Y & J models) with service disconnect for quick & easy installations.  
Use non-service-rated Smart Switches (R models) for custom installations or with installs that require a subpanel.

### 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-approved, 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, 3Ø, non-service-rated
- Nema 3R rated rugged steel 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

# Accessories

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

## Mobile Link™ Remote Monitoring

This affordable cellular remote monitoring system gives customers peace of mind by allowing them to know the status of their generator anywhere, anytime, using their computer, tablet or smart phone.

### 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 (Uninterruptible Power Supply) system.
- Installation and setup takes less than 15 minutes.
- Mobile Link is the lowest cost of any existing cellular monitoring solution.

### Generator Status Updates

Mobile Link provides you with notifications on the status of your home standby generator. Link multiple email addresses and phone numbers to receive email and text message alerts or push notifications if you're using the Mobile Link app. You can even have information sent directly to your authorized service provider so they can proactively offer professional support.

- View current generator status and status of scheduled self-test
- Receive system notifications regarding needed maintenance, including battery status or any faulty conditions, by email, text or push notifications
- Local weather updates
- Compatible with 2008-and-newer air-cooled standby generators with an LCD display or generators equipped with a Nexus or an Evolution controller, as well as PowerPact™, Synergy™ and Protector™ series
- Free mobile app for iOS® and Android™ devices available on iTunes® App Store, GooglePlay™, and Amazon AppStore

Log onto [StandbyStatus.com](http://StandbyStatus.com) to learn more.

“MY FAMILY’S GOING TO BE SAFE AND SECURE  
IN MY HOUSE BECAUSE OF THIS GENERATOR.”

- Greg Beappler



### **PMM™ (Power Management Module) and Starter Kit**

Use Generac’s Power Management Module (PMM) in conjunction with the Smart Switch™ to intelligently manage additional large loads and enable the efficient use of a smaller generator system. Just like the built-in load-shedding capabilities of the Smart Switch, after the load(s) are shed, the PMM module brings them back on individually to ensure generator power availability and eliminate potential system overload.\*

- 50 Amp
- Up to four PMM Modules can be installed with each Smart Switch
- NEMA 3R enclosure allows for installation either at the electrical panel or anywhere between the panel and the appliance, indoors or out

*\* PMM Starter Kit included required transformer and the first PMM, required for PMM operation.*

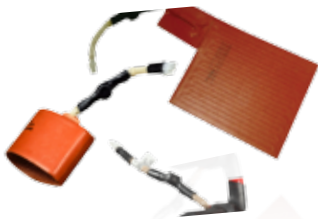


### **Wireless Remote Monitor**

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 liquid-cooled 22 kW to 150 kW.*



### **Cold Weather Kit**

If the temperature regularly falls below 32° 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.

### **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



### **Extended Warranty**

Up to five years extended warranty coverage available through Generac Industrial and Residential/Commercial Dealers.

For more accessories, visit [Generac.com](http://Generac.com) or see the table on page 23.

# Specifications

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.

## Automatic Standby Generators - Air-Cooled

	EcoGen   PowerPact				Guardian Series			
Pre-packaged models	N/A	6518 / 6519	6237	6437 / 6438*	6459 / 6721	6243*	6244*	6551
Non pre-packaged models	5818	6561	6245	6439 / 6720	6461	6249	6250	6252
Rated Power (LPG/NG)	6 kW*	7/6 kW	8/7 kW	11/10 kW	16/16 kW	17/16 kW	20/18	22/19.5
Voltage (Single Phase)	120V (240V capable w/kit 6016)	240V	240V	240V	240V	240V	240V	240V
Amps @ 240V LPG	50 (25 @ 240V)	29.2	33.3	45.8	66.6	70.8	83.3	91.6
Amps @ 240V NG	N/A	25.0	29.2	41.7	66.6	66.6	75	781.25
Engine/Alternator RPM	2600	3600	3600 / 3600	3600 / 3600	3600 / 3600	3600 / 3600	3600 / 3600	3600 / 3600
Engine	OHVI / 530cc	OHV / 420cc	OHVI / 410cc	OHVI / 530cc	OHVI / 992cc	OHVI / 992cc	OHVI / 999cc	OHVI / 999cc
Fuel Consumption @ full load LPG cu. ft/hr (gal. hr)	56.4 (155)	46 (1.26)	51.6 (1.42)	70 (1.92)	130 (3.57)	130 (3.57)	140 (3.85)	133 (3.68)
Fuel Consumption @ Full Load NG cu. ft/hr (gal. hr)	N/A	148	121	145	312	312	308	281
Quiet-Test Mode	No	No	No	No	Yes	Yes	Yes	Yes
db(A) at Exercise	52	67	62	63	60	60	60	58
db(A) at Normal Operating Load	52	67	62	63	66	66	66	67
Automatic Transfer Switch	OHVI / 530cc	30 Amp	50 Amp	50 / 200 Amp	100 Amp	200 Amp	200 Amp	200 Amp
Circuits Included	OHVI / 530cc	8	10	12	16	NA	NA	NA
Enclosure	Steel	Steel	Steel	Steel	Steel Aluminum	Aluminum	Aluminum	Aluminum includes base fascia
Enclosure Color	Bisque	Bisque	Bisque	Bisque	Bisque / Gray	Gray	Gray	Gray
Warranty	3 Year Limited	3 Year Limited	5 Year Limited	5 Year Limited	5 Year Limited	5 Year Limited	5 Year Limited	5 Year Limited
Dimensions (L" x W" x H")	48x25x29	24.4 x 30.2 x 33	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.)	387	243	360	407	471	437	451	476
CARB Compliant	NO	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Transfer Switch Weight (lbs.)	N/A	N/A	53.5	57 / 39	68	39	39	39

\* 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.

## Automatic Standby Generators - Guardian Series Liquid-Cooled

Model Number	QT02515ANSX	QT03015ANSX	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	•	•		•		

## Automatic Standby Generators - QuietSource Series Liquid-Cooled

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.	V-6	V-6
Fuel Consumption @ full load - LPG cu. ft/hr (gal/hr)	125 (3.4)	143 (3.9)	200 (5.5)	260 (7.20)	260 (7.20)
Fuel Consumption @ full load - NG cu. ft/hr	316	359	503	655	655
Quiet-Test Mode	Yes	Yes	Yes	Yes	Yes
db(A) at Exercise	61	62	58	60	60
db(A) at Normal Operating Load	70	75	64	65	65
Automatic Transfer Switch	Not Included	Not Included	Not Included	Not Included	Not Included
Enclosure	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum
Enclosure Color	Grey	Grey	Grey	Grey	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	•	•			•

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

## Protector Series Generators - Diesel

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, 1Ø 1.0 pf	62	83	125	200
Output Amperage 120/208 V, 3Ø 0.8 pf	52	69	104	173
Output Amperage 120/240 V, 3Ø 0.8 pf	45	60	90	150
Output Amperage 277/480 V, 3Ø 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

\*1Ø 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, 1Ø, 1.0 pf	55	73	109	182
Output amperage 231/400 V, 3Ø, 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			
Amps	Model	240V, 2-pole 1Ø / Description	Rating
100	RTSR100A3	Power management transfer switch	UL / CUL
100	RTSY100A3	Power management transfer switch with service disconnect	UL
150	RTSY150A3	Power management transfer switch with service disconnect	UL
200	RTSR200A3	Power management transfer switch	UL / CUL
200	RTSY200A3	Power management transfer switch with service disconnect	UL
300	RTSY300A3	Power management with service disconnect	UL
400	RTSR400A3	Power management transfer switch	UL / CUL
400	RTSY400A3	Power management transfer switch with service disconnect	UL
600	RTSR600A3	Power management transfer switch	UL / CUL
800	RTSR800A3	Power management transfer switch	UL / CUL
LTS Switch			
200	RTSJ200A3	Power management transfer switch with service disconnect	UL
CSA Switches			
100	RTSE100A3CSA	CSA approved service-rated	CSA
200	RTSE200A3CSA	CSA approved service-rated	CSA

GenReady™			
Amps	Model	Description	Rating
200 / 125	5448 GenReady	200 Amp, 40 circuit combination electrical panel / transfer switch when the EZ Operator (5447) is added	UL
N/A	5447 GenReady EZ Transfer Operator	EZ Operator install into 5448 to give automatic switch functionality	UL
200 / 125	5449 GenReady w/ EZ Transfer Operator	200 Amp, 40 circuit combination electrical panel and automatic transfer switch with the EZ Operator already installed	UL
200 / 125	5454 GenReady w/ EZ Operator NEMA 3R	200 Amp, 40 circuit combination electrical panel and automatic transfer switch with the EZ Operator already installed	UL

## Accessories

### Remote Monitoring Options

Model	Description
6664	Wireless local monitor
6665	Remote liquid-cooled adapter (use with Model 5928)
6463	Mobile Link™
6478	Mobile Link™ liquid-cooled adapter (use with Model 6463)

### Load Management Options

Model	Description	Contents
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 (required for PMM use)

### Air-cooled Cold Weather Kit

Model	Description	Contents
6808	7kW PowerPact air-cooled units	Battery pad warmer with internal thermostat & crank case heater
6212	8 - 22 kW air-cooled units	Battery wrap with internal thermostat & crank case heater

### Liquid-cooled Cold Weather Kit

Model	Description	Contents
6175	1.5L engines, 25 & 30 kW	28" Battery warmer, zip ties and thermostat
5630	2.4L engines, 22, 27, 36, 45 & 60 kW	28" Battery warmer, zip ties and thermostat
5632	5.4L diesel engines, 48 kW	44" Battery warmer, zip ties and thermostat

### Liquid-cooled Extreme Cold Weather Kit

Model	Description	Contents	Use With
6174	1.5L engines; 25, 30 kW	Block heater & associated mounting hardware	6175
5616	2.4L engines; 22, 27, 36, 45, 60 kW	Block heater & associated mounting hardware	5630
6204	5.4L engines; 48 kW	Block heater & associated mounting hardware	5632

### Air-cooled Scheduled Maintenance Kit

Model	Description
6806	PowerPact, 7 kW, 432cc kit
6004	EcoGen 6 kW, 530cc kit
6482	8 kW, 410cc kit
6483	11 kW, 530cc kit
6484	12,13, 14,15, 16 kW, 17 & 18 kW, 760/990cc kit
6485	20 & 22 kW, 999cc kit

### Liquid-cooled Scheduled Maintenance Kit

Model	Description
6176	1.5L engines; 25 & 30 kW
5656	2.4L engines; 22 & 27 kW
6205	5.4L engines; 48 kW
5984	2.4L engines; 36 kW
6172	2.4L engines; 45 kW
6171	2.4L engines; 60 kW

### Miscellaneous

Model	Description
5666	Gray Fascia for air-cooled units (11 & 16 kW aluminum)
5839	Bisque Fascia for air-cooled units (8-16 kW)
5819	26R Battery (7-22 kW) air-cooled only
5651	Base plug for all liquid-cooled models
5654	Gray paint kit for air-cooled units mfg after 4/08
5653	Tan paint kit for air-cooled units mfg after 4/08
5703	Bisque paint kit for air-cooled units mfg after 4/08
5704	Medium gray paint kit for air-cooled units mfg after 4/08
5685	Air-cooled generator transport cart
6016	EcoGen 240V Conversion Kit



## Protector Series Diesel Accessories

Model	Product	Description
006502-0	Spill Box	The 5-gallon spill box screws into the existing fuel fill port of the base tank. It captures and contains fuel if over fueling or spilling occurs during the fill process.
006504-0	90% Fuel Level Alarm	The 90% fuel level alarm alerts the fuel fill operator when the tank reaches a 90% fill level by sounding an audible alarm and triggering an LED warning light.
006505-0 - 15 & 20 kW 006506-0 - 30, 48 & 50 kW	Tank Risers	Tank risers are required in some municipalities to help avoid potential base tank corrosion caused by mounting on rough surfaces.
006507-0	Fuel Fill Drop Tube	A powder coat painted, steel fuel fill drop tube is required in some municipalities to prevent sparking due to static electricity buildup, which can be caused by the fuel dropping into the tank from the fill area. Using a drop tube also results in submerged filling, which increases the fuel delivery flow rate and reduces vapors, foam and potential tank evaporation.
006513-0 - 15 & 20 kW 006517-0 - 30 kW 006516-0 - 48 & 50 kW	Stainless Steel Fuel Lines	Some municipalities require the use of stainless steel fuel lines instead of the standard hoses provided with the diesel generator products. These stainless steel lines are fire resistant for additional safety.
006510-0	E-Stop	E-stop allows for immediate fuel shutoff and generator shutdown in the event of an emergency.
006511-0	Spill Box Drainback Kit	The spill box drainback kit allows fuel that was captured in the 5-gallon spill box to be drained directly back into the fuel tank to avoid vapors.
006588-1	Vent Extension Support Kit	The vent extension support kit consists of two aluminum plates with the appropriate pipe cutouts to secure the vent extension pipes coming through the top of the generator enclosure. It helps to minimize stress on the NPT fittings integrated on the tank and also helps protect against pests.
006512-0	Lockable Fuel Cap	The cast iron, lockable fuel cap provides the ability to lock the fuel system to prevent unwanted fuel tampering or fuel siphoning.
006572-0 - 15 & 20 kW 006571-0 - 30 kW 006570-0 - 48 & 50 kW	Maintenance Kits	The Protector Maintenance Kits offer all the hardware necessary to perform complete maintenance on Generac Protector generators.
006560-0 - 15 & 20 kW 006559-0 - 30 kW 006558-0 - 48 & 50 kW	Cold Weather Kits	Recommended for generators installed in regions where the temperature regularly falls below 32 °F (0 °C). The Cold Weather Kits consist of a block heater with all necessary mounting hardware and a battery warmer with a thermostat built into the battery wrap.
005704-0	Paint Kit	If the generator enclosure is scratched or damaged, it is important to touch-up the paint to protect from future corrosion. The paint kit includes the necessary paint to properly maintain or touch-up a generator enclosure.
005928-0	Basic Wireless Remote	Completely wireless and battery powered, Generac's wireless remote monitor provides you with instant status information without ever leaving the house.
006199-0	PMM Starter Kit	The PMM Starter Kit consists of a 24 VAC, field installed transformer that enables the use of the 24 VAC Power Management Modules (PMMs) and one PMM. The standard controller (without starter kit) can control two HVAC loads with no additional hardware. Not compatible with pre-wired switches.
006186-0	Power Management Module (50 Amps)	Power Management Modules are used in conjunction with the Smart Switch to increase its power management capabilities. It gives the Smart Switch additional power management flexibility not found in any other transfer switch. Not compatible with pre-wired switches. Note: PMM Starter Kit required.
006463-1	Mobile Link™	Generac's Mobile Link allows you to check the status of your generator from anywhere that you have access to an Internet connection from a PC or with any smart device. You will even be notified when a change in the generator's status occurs via e-mail or text message. Note: Harness Adapter Kit required.
006478-0	Harness Adapter Kit	The Harness Adapter Kit is required to make liquid-cooled units compatible with Mobile Link™.

.....

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

.....

THE | GENERAC  
PROMISE



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

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

0200680SBY Rev. B 11/2014 ©2013 Generac Power Systems, Inc.  
All rights reserved. Specifications are subject to change without notice.



[generac.com](http://generac.com)