



# FULL LINE CATALOG



GENERATOR SOLUTIONS

RESIDENTIAL

COMMERCIAL

INDUSTRIAL



■ life is better with power



Generac has over 50 years of experience engineering standby power solutions ranging from RV and portable generators to automatic home standbys and mission critical applications. Millions of customers use our generators to provide security during a power outage. Trust Generac with your home and family, business and customers, industry and employees - anytime you need standby power.

Generac is there when you need us or standing by until you do.

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

## ■ Reliability. Redundancy. Support.



Generac's gensets utilize a wide variety of options, configurations and arrangements, allowing us to meet the standby power needs of practically every application. We specialize in customizing our already versatile equipment to ensure that even uncommon requirements are satisfied efficiently and cost effectively.

- Reliable, prototype tested operation
- Hardened PowerManager control system with GenLink remote monitoring software
- Wide range of models and options to meet applicable codes and standards, including 2009 emissions requirements
- First to be UL 2200 Listed
- Superior RhinoCoat finish for corrosion protection
- Factory-trained field support network with 24/7 service availability
- Truck and industrial engines mean easy serviceability by qualified engine technicians

## FUEL OPTIONS

Generac gensets offer the most choices in primary fuel in the industry. Three emissions compliant options are available:

- Diesel (10 - 600 kW) – On-site fuel source powers compression ignition engines
- Gaseous (10 - 300 kW) – Unlimited natural gas or LP on-site fuel sources provide smoother, quieter operation
- Bi-Fuel (600 kW) – Only Generac manufactures the ideal genset, combining diesel and natural gas for reduced on-site fuel storage and dramatically increased run times in addition to the combined benefits of both fuels

## GENSET OPTIONS

### ENCLOSURES

Our industrial gensets are available in three enclosure options:

- Open models for indoor applications
- Weather protective enclosures for exceptional protection from the elements
- Multi-levels of sound attenuating enclosures that offer the same degree of weather protection while significantly reducing sound emissions

### SUB-BASE DIESEL TANKS

- NFPA & local code complaint options
- UL-142 for secondary containment



### RHINOCOAT

Our RhinoCoat paint system uses a process that evenly joins paint particles to every part of the metal surface. Components are then baked to form a lasting bond for superior protection against the elements. This process allows for more consistent coverage to all surfaces for exceptional protection on not only the enclosure but also the base frame and any applicable Generac diesel tank.



# INDUSTRIAL PRODUCTS

## MODULAR POWER SYSTEMS (MPS)

For larger applications that require superior system reliability and redundancy, engineers typically turn to complex and expensive parallel systems. With Generac's Modular Power System (MPS), a parallel system is now available at prices comparable to, or less than, a large single genset. Generac has integrated all of the control functions traditionally performed by numerous controllers from several manufacturers into our exclusive PowerManager® control system. The result is a system with the benefits of parallel generation in a simple, single-source system. Built-in redundancy, scalability, low cost, easy installation and short delivery times make Generac's Modular Power System the smart choice for multi-megawatt standby power solutions.

- Superior reliability from redundancy of a multiple genset configuration
- Proven digital paralleling made simple
- Scalable and flexible power modules
- Easy and cost-effective installation
- Serviceability without critical system interruption
- Fastest lead times in the industry

## GEMINI®

When space is at a premium and reliability is critical, no other manufacturer even comes close to Generac's Gemini Twin Pack. By using a smaller, high volume industrial engine, Gemini gensets can normally be delivered weeks, or even months faster than a large single engine unit. In addition, our engines can be serviced by a qualified engine technician using commonly available parts. You can purchase the system you need today, and as your standby power requirements increase, additional units can be installed quickly and easily. As part of Generac's MPS system, up to seven Gemini gensets can be paralleled without additional switchgear, for a total output of up to 7000 kW.

- Twin Gensets packaged in one compact 1000 kW unit
- Inherent critical load redundancy within one common generator platform
- Single, electrical termination point offers easier connection
- Quiet, sound-attenuated operation

## BI-FUEL™

Generac's Bi-Fuel generators start on diesel fuel and add natural gas as load is applied. During an outage, they typically operate on a mixture of up to 90% natural gas and 10% diesel fuel. If the natural gas supply is interrupted, the generator automatically switches to 100% diesel without any power drop during the transition.

- Simultaneous use of diesel and natural gas
- Reliable and responsive diesel engine platform
- Reduced fuel storage with increased run times
- Reduced cost per kilowatt vs. larger natural gas units
- Redundant on-site fuel source
- Available in Generac's Modular Power System
- Factory built, supported and warranted



## PRODUCT SUPPORT AND SERVICE

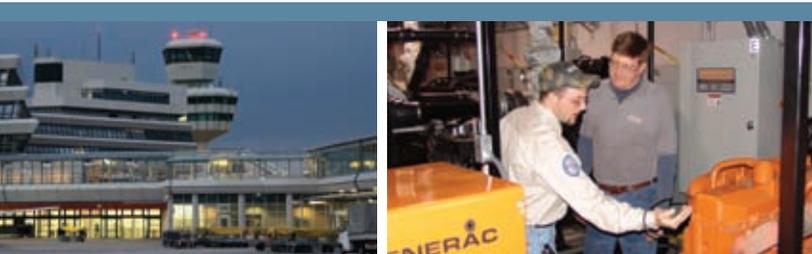
Generac is committed to ensuring our customers' service support continues after their generator purchase. Our state-of-the-art training center ensures technicians receive hands-on training in the installation, repair and maintenance of Generac products. In addition, they also receive up-to-date training on new products and improvements.

- Nationwide dealer network maintains large inventories of Generac parts and accessories
- Technicians receive progressive technician certification program
- Maintenance programs, warranty and emergency assistance available

## 24/7 INDUSTRIAL GENSET SERVICE AND SUPPORT

Just as important as the quality, reliability and engineering advancements a Generac genset brings to industrial and mission critical applications, is the availability of 24/7 service support. In addition to our dealers' high level of standard service, you will benefit from:

- 24/7/365 days on-call service assistance
- GenLink software provides remote diagnosis and helps ensure predictive maintenance
- Engineering and project management capabilities include complete design and installation services
- Dedicated strategic account support for successful implementation of regional and national backup power programs



The potential loss of revenue a business faces in the wake of a power outage can be substantial. Computers and security systems go down and data is lost. Lack of refrigeration leads to damaged inventory. Generac's premium automatic standby power solutions are ideal for large residential, commercial and light industrial applications.

Protect your investments and ensure you stay open for business.

## ■ A Sound Business Decision



Generac's higher output generators are capable of providing full power protection for large homes and commercial applications such as retail centers, convenience stores, restaurants and more. Choose from the premium QuietSource Series™ or configure a customized system for your unique needs.

### ■ QUIETSOURCE SERIES™

22 – 48 KW

Engineered to operate at low speeds (1800 rpm), the result is a much reduced sound output and longer life. QuietSource Series generators include features that make them a solid investment for home or business.

- Quiet-Test™ low speed exercise mode
- Continuous fuel with choice of LP or natural gas
- Aluminum all-weather enclosures with RhinoCoat™ finish are corrosion resistant and ideal for salt-air coastal areas
- UL Listed for certified power ratings
- Optional three phase output in a variety of voltages (select units)

### ■ CUSTOM CONFIGURABLE OPTIONS

25 – 150 KW

Generac offers liquid-cooled single phase and three phase units that can be configured to your unique requirements. Options include:

- Three phase output in a variety of voltages
- Higher power nodes
- Steel or aluminum enclosures (select units)
- Continuous fuel with choice of LP or natural gas
- Remote monitoring with GenLink® software available on 70 kW units and above



Power. Our lives depend on it. From everyday necessities like heating, cooling and lights, to daily essentials like cooking, laundry or the kids' bath time. Power outages are occurring more frequently than ever and lasting longer with devastating effects. A Generac automatic standby generator protects your home and family and keeps life going without disruption.

## ■ The #1 Name in Standby Power



**GENERAC**

**Generac's broad range of sizes** allows you to choose enough protection to back up only a few essential circuits or your whole house. A Generac Guardian Series automatic standby generator is also ideal for small to medium sized businesses requiring essential circuit coverage. Designed specifically for high demand power generation needs, Generac's OHVI® engine provides reliability and long life to these models.

**■ GUARDIAN SERIES™**

**PRE-PACKAGED, SYSTEMS 8 - 20 KW**

Broad size range bundled with transfer switch for the easiest installation in the industry.

- All-steel enclosures with RhinoCoat™ finish
- Continuous fuel with choice of LP or natural gas
- True Power™ technology for sensitive electronics
- Includes composite mounting pad
- External GFCI outlet and Quiet-Test™ feature included on 17 & 20 kW
- Optional aluminum enclosure available on 17 kW, standard on 20 kW

Models also available unbundled to allow for selection of the most appropriate switch for your application.

**FOR ESSENTIAL CIRCUIT COVERAGE 8 - 17 KW SYSTEMS INCLUDE:**

- 100 Amp NEMA 1 (indoor rated) automatic transfer switch with load center
- 30 ft., 5 ft. & 2 ft. prewired conduits
- Outdoor connection box
- 1 ft. flexible fuel line pigtail

**FOR WHOLE-HOUSE COVERAGE THE 20 KW SYSTEM INCLUDES:**

- 200 Amp service entrance rated transfer switch
- Flexible fuel line pigtail
- Base fascia

To accommodate areas requiring a transfer switch meeting NEC 2008 codes, 20 kW and transfer switches are also sold separately.

**20 – 60 KW**

Our larger models are capable of providing automatic standby power protection for larger homes and businesses such as restaurants, gas stations and offices.

- All-steel enclosures with RhinoCoat finish
- Aluminum all-weather enclosure available on select models
- Continuous fuel with choice of LP or natural gas
- Quiet-Test low speed exercise mode
- Hour meter enables monitoring of service and maintenance intervals

**RHINOCOAT™** 

Our RhinoCoat finish system uses a process that evenly joins paint particles to every part of the metal surface. Components are then baked to form a lasting bond for superior protection against the elements. This process allows for more consistent coverage to all surfaces for exceptional protection on not only the enclosure, but also the base frame and any applicable Generac diesel tank (no tanks on gas units).

**QUIET-TEST™** 

While all standby generators perform a weekly self-diagnostic test to validate proper operation, only Generac's patented, programmable Quiet-Test mode kicks in for an ultra-quiet, neighborhood-friendly self-test. It's so quiet you'll forget you own a generator – until you need it, of course.



From home use to camping, construction or outdoor events, Generac portable generators provide dependable portable power. Power the fun stuff or cover an emergency. The wide range of sizes gives you flexibility to choose as much power as you need.

## ■ Better power. More choices.



**GENERAC**

## Generac's GP and XP Series portable generator lines offer options for recreation, work or home. With sizes up to 17500 Watts, you can take your power with you wherever you need it.

- Generac OHVI® Engine provides the longest running time in the industry
- Electric Start Models include starting battery
- Never-Flat Wheels and Fold-Down Handles provide easy portability
- Hour Meter tracks usage and includes maintenance resets
- Steel Fuel Tank includes incorporated fuel gauge
- Low-Tone Muffler provides quiet operation
- CSA and CA Emissions models available

### GP SERIES: 1800-17500 WATTS

#### GP 1800 — 8000 Watts

Easy to use in a variety of applications, our GP series of portable generators offers affordable reliability. Features include:

- Hardened Steel Tube Cradle for durability
- Low-Oil Shutdown shuts engine down when oil runs low preventing possible engine damage
- Circuit Breaker Protected Outlets for circuit protection
- Hour Meter with maintenance resets (excludes GP1800 and GP3250)

#### GP 15000 — 17500 Watts

Two of the most powerful generators on the market offer exceptional value. In addition to the above features, they also include:

- 16-Gallon Fuel Tank provides extended run time
- Idle Control increases fuel efficiency
- Wheel Kit and Lifting Eye Included

### XP SERIES: 4000-8000 WATTS

The professional grade XP Series of portable generators has been engineered for high performance. Durable construction with oversized full wrap frame tubing and impact resistant corners minimizes damage from rough handling. These rugged units also include:

- True Power™ Technology for utility quality electrical output for sensitive electronics with less than 5% total harmonic distortion
- Low-Oil Pressure Protection to protect engine from damage
- Covered Outlets for more protection from the environment
- Start/Stop Fuel Shut-off and Choke Controls conveniently located on outlet panel
- External Battery Charge Jack
- Circuit Breaker Outlet Protection including dual breakers on 120/240V outlets
- Cord Set included:  
XP4000 - 20' 20 Amp  
XP6500 - 20' 30 Amp  
XP8000 - 20' 30 Amp
- Maintenance Kit Included



GP Series



XP Series

Because Generac has been engineering RV standby power for over 35 years, we know reliability is the number one feature you require from your RV generator. Powered by Generac's OHVI industrial grade engine, these models have been tested and manufactured specifically for the unique needs and situations of recreational vehicles. These same engines are used in our home standby generators and have repeatedly demonstrated their ability to perform during extensive use.

Likewise, our RV generators perform in all altitudes, under all conditions.

## ■ Value and Innovation for the Long Haul



Generac RV generators come in a wide range of sizes and fuel types to power any adventure – at any time. So the air-conditioner, stove top and lights stay on, while you relax and continue enjoying your RV lifestyle.

### INNOVATIVE TESTING AND PROTOTYPE DESIGN

Generac's total commitment to component testing, reliability testing, environmental testing, destruction and life testing, plus testing applicable to EPA, RVIA and CARB emissions compliance means you can choose Generac with total confidence.

### GENERAC OHVI ENGINE

Generac designed this engine specifically for generator use. Advanced engineering has produced an engine that runs cooler, reducing oil consumption. Automotive style pressure lubrication and spin-on oil filter ensure all internal engine components are properly lubricated at all times. These features reduce engine wear, giving the OHVI engine a significantly longer life than competitive engines.

### SOLID STATE FREQUENCY COMPENSATED VOLTAGE REGULATION FOR SMOOTHER POWER OUTPUT

Standard state-of-the-art power maximizing regulation system optimizes fast response to changing load conditions and maximum motor starting capability by electronically torque-matching the surge loads to the engine.

## ■ QUIETPACT® SERIES

### GASOLINE AND PROPANE MODELS

Among the quietest in their class, these models feature Generac's OHVI engine:

- **Compact Design** with the same footprint as competitive models
- **Noise is Minimized** with advanced pistons, camshaft and gear technologies
- **Single Side Serviceability** means easy access to all maintenance items including the automotive style spin-on oil filter
- **All Steel Enclosures** provide superior noise reduction and durability
- **RVIA, EPA and CARB Emissions Compliance**

### DIESEL 85

This model offers the highly efficient, cost-effective benefits of diesel.

## ■ PRIMEPACT® SERIES

These units offer the most kW output for your money while still featuring Generac's OHVI engine.

- **Installation Flexibility** from multiple muffler configurations allow for easy adaptability for virtually any installation
- **Single Side Serviceability** means easy access to all maintenance items including the automotive style spin-on oil filter
- Available in Gasoline and LP
- **RVIA, EPA and CARB Emissions Compliant**



### RELAX WITH ONE-TOUCH START AND ON-BOARD DIAGNOSTICS

Generac's One-Touch Start is exactly that. Just press the start button and walk away. Worry free, this feature automatically repeats the starting sequence until startup. Self diagnosing technology indicates potential problems so you can immediately address them. Available on QuietPact 45/55/65 gasoline models.



QuietPact 40

QuietPact 65

QuietPact 85D

# TRANSFER SWITCHES

## TRANSFER SWITCHES 100 TO 2600 AMPS

Generac designs and manufactures a complete line of automatic transfer switches (ATS) to meet the requirements of virtually any emergency standby power application. Generac transfer switches have a well-deserved reputation for outstanding quality and performance at competitive prices.

- Meet rating requirements of UL 1008 and articles 700, 701 and 702 of the National Electric Code
- Meet all OSHA safety requirements
- Poles: 2, 3 or 4
- Programmable exerciser
- In phase and time-delay-neutral transfer modes
- Enclosures: NEMA 1, 12, 3R, 4X
- Service entrance ratings on select models

### 100 - 400 AMP RTS TRANSFER SWITCHES (SINGLE-PHASE AND THREE-PHASE)

RTS transfer switches are designed for a wide variety of applications that require up to 400 Amps. The RTS is integrated with the R-Series digital controller and only operates with standby generators thru 60 kW. NEMA 3R (outdoor rated) enclosures are standard. Service entrance rated models available in single phase configurations.

### 200 AMP POWERMANAGER LOAD SHEDDING TRANSFER SWITCH

Allows for the most efficient use of the generator by monitoring and managing the backed up selected and non-selected circuits. If the generator approaches overload condition, the non-selected circuits are cycled off, allowing the selected circuits to remain powered. This switch operates with the digital controls used on generators from 17 kW through 48 kW.

- Housed in an aluminum NEMA 3R, outdoor rated enclosure
- 200 Amps service entrance rated & built-in 16 circuit priority load center

### 200 AMP GENREADY™ LOAD CENTER

Maximize savings by installing the GenReady Load Center during new home construction. It replaces the main circuit panel and incorporates an automatic transfer switch so all power switching is handled within one unit, capable of separating out only the electrical circuits the homeowner chooses.

- 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

### 100 - 2600 AMP HTS SWITCHES

Designed for use with the PowerManager H-100 generator controller, HTS digital switches constantly monitor utility voltage, optionally monitor kVA and kW, and communicate to the controller. When used with Generac's GenLink software, the HTS can be monitored remotely and controlled via computer. Up to 4 HTS switches can be used in a single H-100 controller configuration.

### 100 - 2600 AMP GTS SWITCHES SINGLE-SET AND PARALLEL GENERATOR APPLICATIONS

The GTS line of industrial switches are compatible with any generator controller. GTS switches can be ordered with various options including load shedding and inhibit transfer capabilities, making the GTS compatible with any parallel generation applications.

### 100 - 2600 AMP MTS SWITCHES MODULAR POWER SYSTEMS (MPS)

Designed specifically for the Modular Power System, the MTS switch includes all of the features of the HTS digital switch in addition to priority loading and load shedding capabilities. This allows individual generators to be taken off-line for maintenance while retaining coverage of critical loads.



## POWERMANAGER® CONTROLLERS

Generac PowerManager digital controls are the most technologically advanced in the industry. Designed from the ground up for superior reliability, Generac's controls are field proven in mission-critical applications.

For superior system reliability, Generac has incorporated a sealed connection point philosophy resulting in durability and long life protection:

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

### POWERMANAGER H-100

The PowerManager H-100 is fully compliant with NFPA 110 Level 1 and integrates control of the genset, governor and voltage regulator via a single, 32-bit digital microprocessor. The H-100 provides simultaneous monitoring of key parameters and includes communications and user-defined inputs/outputs.

- RS232 and RS485 remote ports
- Two 4-line x 20-character displays
- Four customer-defined relay outputs
- Options (12 inputs, 12 outputs, modem)

### POWERMANAGER G-100 & G-200

In addition to all of the H-100 features, G-Series controllers come standard with a touch-screen display, modem and 250% more inputs/outputs.

The G-200 also features integrated paralleling capability, including genset synchronization, load sharing and protective relaying.

### POWERMANAGER SYSTEM CONTROLLER

The PowerManager System Controller is the heart of Generac's Modular Power System (MPS). Some of the features of this master controller include:

- Touch-screen interface
- GenLink interface software (standard)
- Centralized system communications
- Modem (standard), Ethernet (optional)
- Priority loading control
- Load shedding control
- Redundant DC power
- Utility power monitoring (optional)
- Optional redundant master control support
- Supports independent manual mode operation
- Universal plugout/plugin control board



PRIMARY CODES AND STANDARDS USED:



■ life is better with power



*Generac puts you, the customer, first to ensure your peace of mind by delivering a superior product and ownership experience.*

*Generac's customer promise statement*





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