Single Engine Generators

750 kW – 2 MW

PROVEN SOURCE • POWERFUL SOLUTIONS
More power for more applications

No two facilities are alike. Each one has unique power requirements. But every enterprise has one standby power need in common. Stay up and running, no matter what. And one company does the job, no matter how small, or big.

Generac Industrial Power.
A single-minded focus

Generating power when and where you need it most. That’s our focus at Generac Industrial Power. And the bigger your power need, the bigger the solution we’ll deliver.

750 kW – 2 MW generators

The Generac line of 750 kW – 2 MW industrial generators combines all the right components, designed, manufactured and supported by a single source. Every part of the production and testing process is controlled by us. Engines, alternators, control systems, enclosures, and base tanks are all specifically designed and built to meet the highest reliability and performance standards.

Inside every Generac generator is over half a century of power system design and innovation hard at work.

Before a design goes into production, we test every aspect of it in our own state-of-the-art R&D facility, to UL2200 standards.

Cutting edge manufacturing processes can meet your most challenging delivery deadlines.

Factory-trained technical sales experts help with the design, sizing and specification of an industrial generator that fits your application.

A nationwide industrial sales and service network supports you completely - installation, commissioning, diagnostics - and are available 24/7 for emergency response, warranty service and scheduled maintenance programs.

Whatever you need standby power for - whether it’s to keep a hospital operating, a data center processing, or a factory producing - join thousands of other reputable power solutions experts that depend on Generac Industrial Power.

Generac Industrial Power offers an expansive product lineup from 15 kW through 2 MW single generators, and as much as 100 MW utilizing our innovative Modular Power System (MPS) technology. Check out additional brochures at www.generac.com/industrial.
The power of integration

The Generac integrated approach results in the right system for the right application, every time. We match the engine, alternator, controller, enclosure, base tank and software to provide the most effective power solution for all standby and emergency power needs.
Best-in-class **engines**

With best-in-class engines for harsh environments, Generac Industrial Power diesel generators feature proven injection technology with increased tolerance for dirty fuel, common in generator applications, ensuring the most reliable performance in the industry.

**Certifications**

**UL2200 Listed** Generac was the first to introduce its complete product line in conformance with UL2200 safety standards.

**EPA** Environmental Protection Agency

**NEMA** National Electrical Manufacturers Association

**CSA** Canadian Standards Association*

**CARB** California Air Resources Board*

**SCAQMD** South Coast Air Quality Management District (CA)*

**IBC 2009 & 2012** International Builder Code seismic compliance

*Select Models Only
Built here for out there

Generac enclosures for large industrial generators are all built in-house at one of Generac’s USA based manufacturing facilities. We understand what it takes to not only build a generator that lasts, but one that is built to handle the conditions on your site. Manufacturing our own enclosures ensures your unit combines heavy-duty durability, noise reduction, weather resistance and single source responsibility.

All enclosures designed and manufactured in-house
- Only generator manufacturer to produce enclosures for units over 1MW

Factory UL2200 tested in enclosures
- Engineered, manufactured and tested as a complete unit

Load center & light kit options
Fixed Air Intake Louvers
- Motorized louver option

Modular design allows for removal and reversal of doors

Silencers
- Critical and Hospital grade
- Internal mounted option

Multiple Degrees of Protection
- Weather, Level 1 or Level 2 sound performance options
- IBC wind rated solutions up to 180 mph available

Durable, weather resistant materials and design
- Powder Rhinocoat™ paint finish
- 1" overhung drip edge and rain gutters over doors
- 14 gauge steel construction with optional 0.080" aluminum
- Heavy duty door gaskets with "non-freezing" rubber
- Zinc plated fasteners & door hardware with stainless options

4" Insulated with Perforated Aluminum for Sound Attenuation
Designed to handle the toughest environment of all: the Generac test facility

Before any of our industrial generator designs go into production, we evaluate, analyze and test it down to the tiniest detail. This includes a full spectrum sound test, endurance testing, and a comprehensive set of highly specialized tests on cooling system performance, a torsional analysis, transient response, and maximum motor starting and structural soundness. This stringent testing process and design verification ensures each engine not only meets every major industry standard, including UL2200, CSA, NFPA 110, and NEC, but also meets the most demanding standards of all: our customers.

Selective Coordination Flexibility
- UL2200 Certification without Circuit Breaker size constraints
- Option for main lug output

Circuit Breaker Options
- Available in thermal magnetic configurations or electronic trip
- Up to four breaker configurations with UL2200 listing from the factory

Rigid Base Frames
Built to withstand high-torque transient conditions and eliminate vibrations. Fully welded for strength and then finished with industrial RhinoCoat™ paint finish.
Flexible, Robust Controller
- NFPA 110 Level 1
- Expandable I/O modules and custom PLC logic capabilities for flexible operation
- Ethernet communication module
- Connects to building management systems
- Monitor remotely via web browser or factory provided software

Industrial Alternators
- Excellent motor starting capabilities
- Available with 125°C, 105°C and 80°C temperature rise
- Medium and Low voltage options
Flexible, Robust Controller

- NFPA 110 Level 1
- Expandable I/O modules and custom PLC logic capabilities for flexible operation
- Ethernet communication module
- Connects to building management systems
- Monitor remotely via web browser or factory provided software

Proven Diesel Engine Technology

- Proven industrial engines for reliability, durability and performance
- Designed to be tolerant of dirty fuel
- Designed for easy maintenance
Cooling System
- Standard: 40°C
- High ambient temperature 50°C option

Fuel Tank
- Full range of integrated tanks available with various run times
- UL142 listed from the factory
- Options to meet local code requirements
One of the largest suppliers in the industry.

No matter what you need standby power for, whether to keep a hospital operating, a data center functioning or a factory producing, count on Generac Industrial Power to provide the right product to meet your demands. With our newly expanded product line, you’ll find the reliability, consistency and flexibility to handle any power need.

The Traditional Choice for Standby Power

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

The Smartest Fuel Choice
- Long Running Times: Because natural gas is supplied by a utility, refueling is not an issue.
- Environmentally Friendly: Natural gas-fueled engines emit fewer nitrogen oxides and particulate matter, while also avoiding the fuel containment, spillage, and environmental concerns associated with fuel storage.
- Fuel Reliability: With natural gas, there’s no onsite fuel storage or ongoing maintenance required in order to keep a clean and reliable supply of fuel.

Bi-Fuel

The Only True Bi-fuel Solution.
Generac Bi-Fuel generators start on diesel fuel and add natural gas as load is applied, until the unit runs primarily on natural gas. Unlike practically every other bi-fuel solution on the market, Generac’s Bi-Fuel generators are fully integrated solutions. That means every fuel train component, every sensor, every actuator is specifically designed, engineered, and factory tested to work together. This gives Generac Bi-Fuel generators the added benefit of being EPA compliant from the factory—the only bi-fuel systems on the market that can make such a claim.

Generac’s paralleling power solutions provide reliable, flexible power solutions when a single generator is not appropriate for the application. Get solutions that provide as much as 100 megawatts.
The right generator starts with the right tools.

With more than 57 years of power generation experience, Generac has built a tool set for electrical engineers and contractors to simplify and save time sizing, specifying or installing generators. The less time you spend up front, the sooner you’ll have a generator on the job. No other manufacturer matches our capability to support generator design needs.
POWER TRIP EXPERIENCE TOUR
Our 53’ Power Trip Experience has been on the road for over a decade educating tens of thousands of engineers, and this year we’re bringing new solutions, products and more trusted expertise right to your city.

CASE STUDIES
Read how other businesses and industries selected their Generac standby power systems, and how the investment paid off for them through a vast collection of case studies.

POWERCONNECT NEWSLETTER
Subscribe to Generac Industrial Power’s newsletter to receive regular updates on new products, case studies, and trends in standby power.

RESOURCES

GENERAC CITY
Commercial, Industrial, and Mission Critical Facilities rely on Generac Industrial Power every day. Explore Generac City to learn more.

CASE STUDIES
Read how other businesses and industries selected their Generac standby power systems, and how the investment paid off for them through a vast collection of case studies.

POWERCONNECT NEWSLETTER
Subscribe to Generac Industrial Power’s newsletter to receive regular updates on new products, case studies, and trends in standby power.

WEBPAGES
Explore the full line of Generac Industrial Power products including gaseous, diesel, and bi-fuel generators in a variety of configurations and outputs.

TOOL KIT

POWER DESIGN PRO
The most powerful electrical and mechanical design and sizing tool on the market. Generac’s Power Design Pro is a one stop solution center for the consulting engineer.

SPEC EXPERT BY MASTERSPEC
Helping to make spec writing easier, faster, and more accurate with SpecExpert by MasterSpec – an easy to use, guided program for creating specifications.

BIM DOCUMENTS
Create intelligent designs utilizing BIM. Download Generac Industrial Power product models which have undergone quality assurance testing to meet the strict requirements of Revit.

EDUCATION

POWER TRIP EXPERIENCE TOUR
Our 53’ Power Trip Experience has been on the road for over a decade educating tens of thousands of engineers, and this year we’re bringing new solutions, products and more trusted expertise right to your city.

PROFESSIONAL DEVELOPMENT SEMINAR SERIES (PDSS)
These courses are oriented towards practicing design, sales and consulting engineers involved in supplying emergency and standby power to industrial, commercial and mission critical facilities. Earn free CEU’s and PDH’s!

GENERAC INDUSTRIAL POWER ENGINEERING SYMPOSIUM
The Generac Industrial Power Engineering Symposium is a 3-day event designed for the practicing engineer to walk away with a better understanding of generator sizing, application, and code compliance.

PRODUCT INFORMATION

INDUSTRIAL PRODUCT WEBPAGES
Explore the full line of Generac Industrial Power products including gaseous, diesel, and bi-fuel generators in a variety of configurations and outputs.

SPEC SHEETS
Download any of Generac Industrial Power’s product spec sheets all from one place.

BROCHURES & LITERATURE
View, save, or download brochures and literature to explore the full line of Generac Industrial Generators.

www.generac.com/industrial
View hundreds of more applications at
www.Generac.com/GeneracCity
SALES, DESIGN AND SERVICE SUPPORT

Just as important as product quality and reliability is Generac Industrial Power’s commitment to customer support, both before, during and after the purchase. Generac Industrial Distributors sell and service all Generac generators, controllers and switching systems. Our worldwide network has factory-trained and certified technicians with trusted expertise in system design, sizing, installation, commissioning, diagnostics and repairs.

• 24/7/365 emergency response
• Engineering and project management capabilities include professional and complete design and installation consultative services
• Dedicated strategic account support and regional or national program implementation programs

For more information, such as FAQ's, visit us online at www.generac.com/industrial

844-ASK-GNRC