

Single Engine Generators 750 kW – 2 MW



PROVEN SOURCE • POWERFUL SOLUTIONS

GENERAC® | **INDUSTRIAL
POWER**





More **power** for
more applications

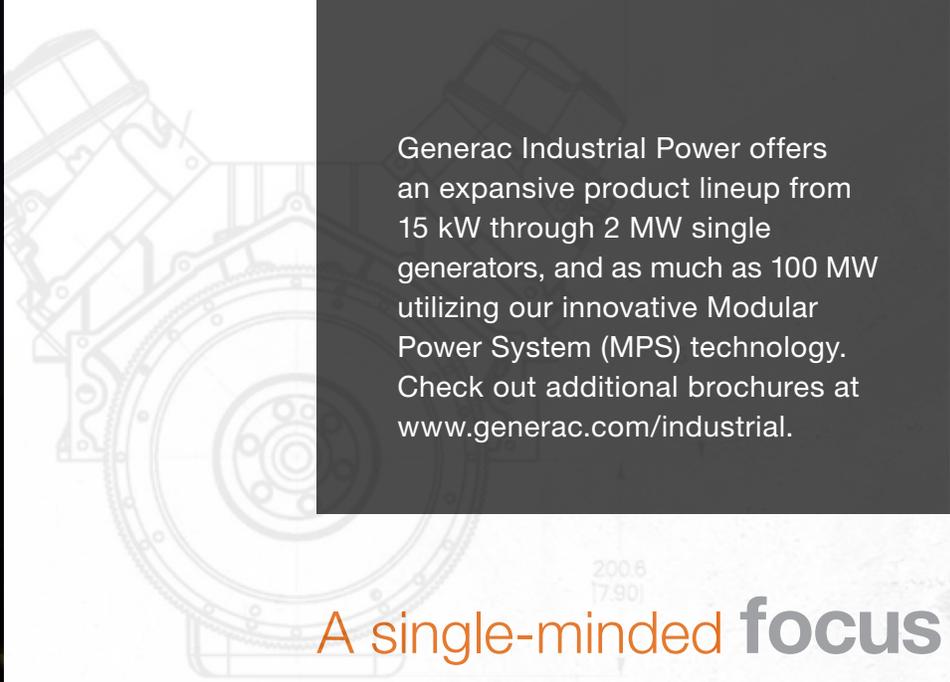
No two facilities are alike. Each one has unique power requirements. But every enterprise has one standby power need in common. Stay up and running, no matter what. And one company does the job, no matter how small, or big.

Generac Industrial Power.

GENERAC[®] | **INDUSTRIAL
POWER**



GENERAC
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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.

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.

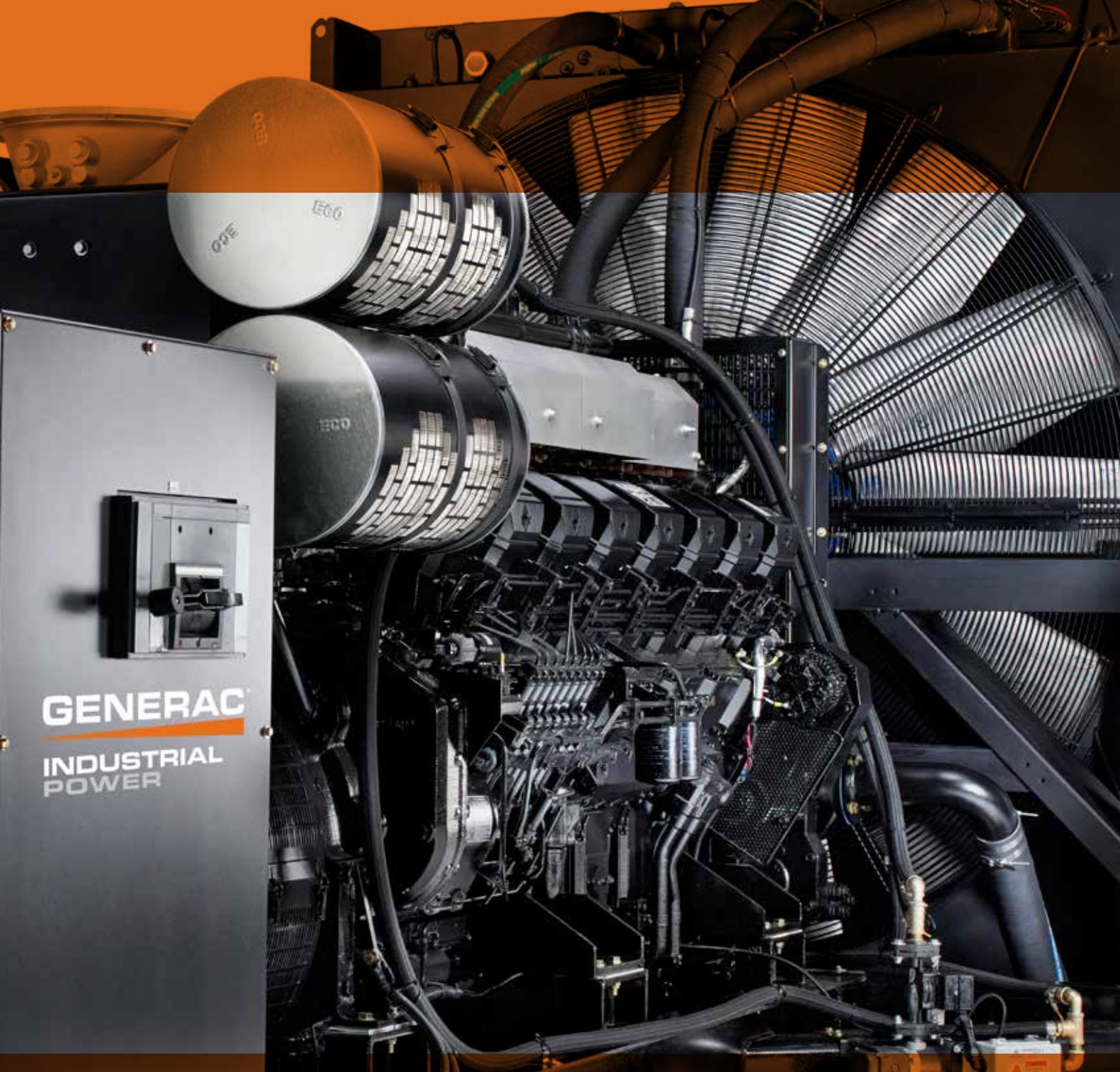
- Before a design goes into production, we test every aspect of it in our own state-of-the-art R&D facility, to UL2200 standards.

- 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.



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

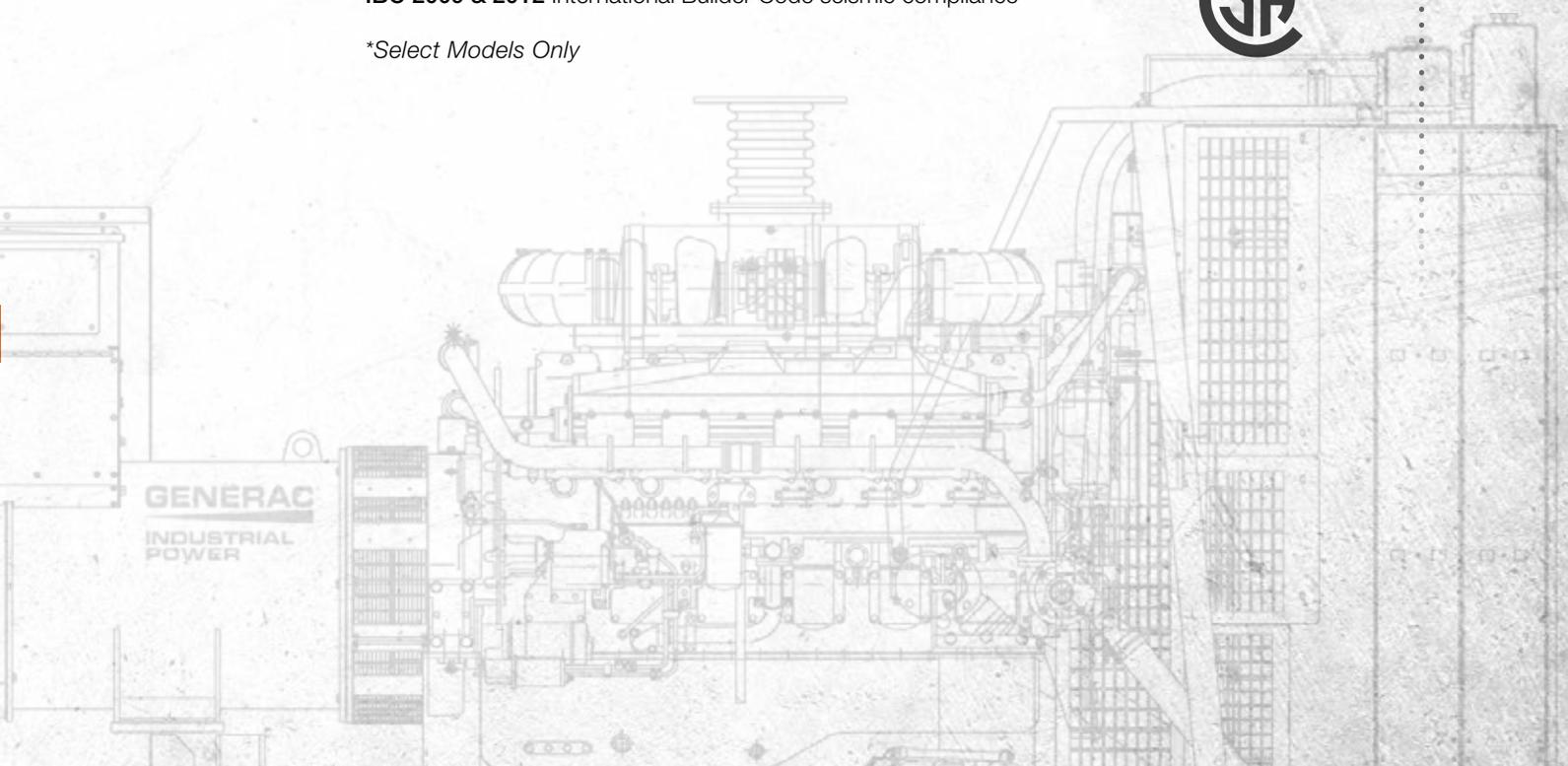
CSA Canadian Standards Association*

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 Perferated Aluminum for Soud 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

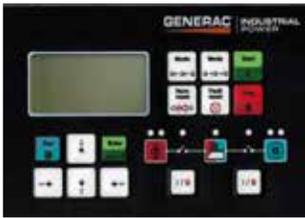
- Available in thermal magnetic configurations or electronic trip
- Up to four breaker configurations with UL2200 listing from the factory

Rigid Base Frames

Built to withstand high-torque torque conditions and eliminate vibration, welded for strength and then finished with industrial RhinoCoat™ paint finish.

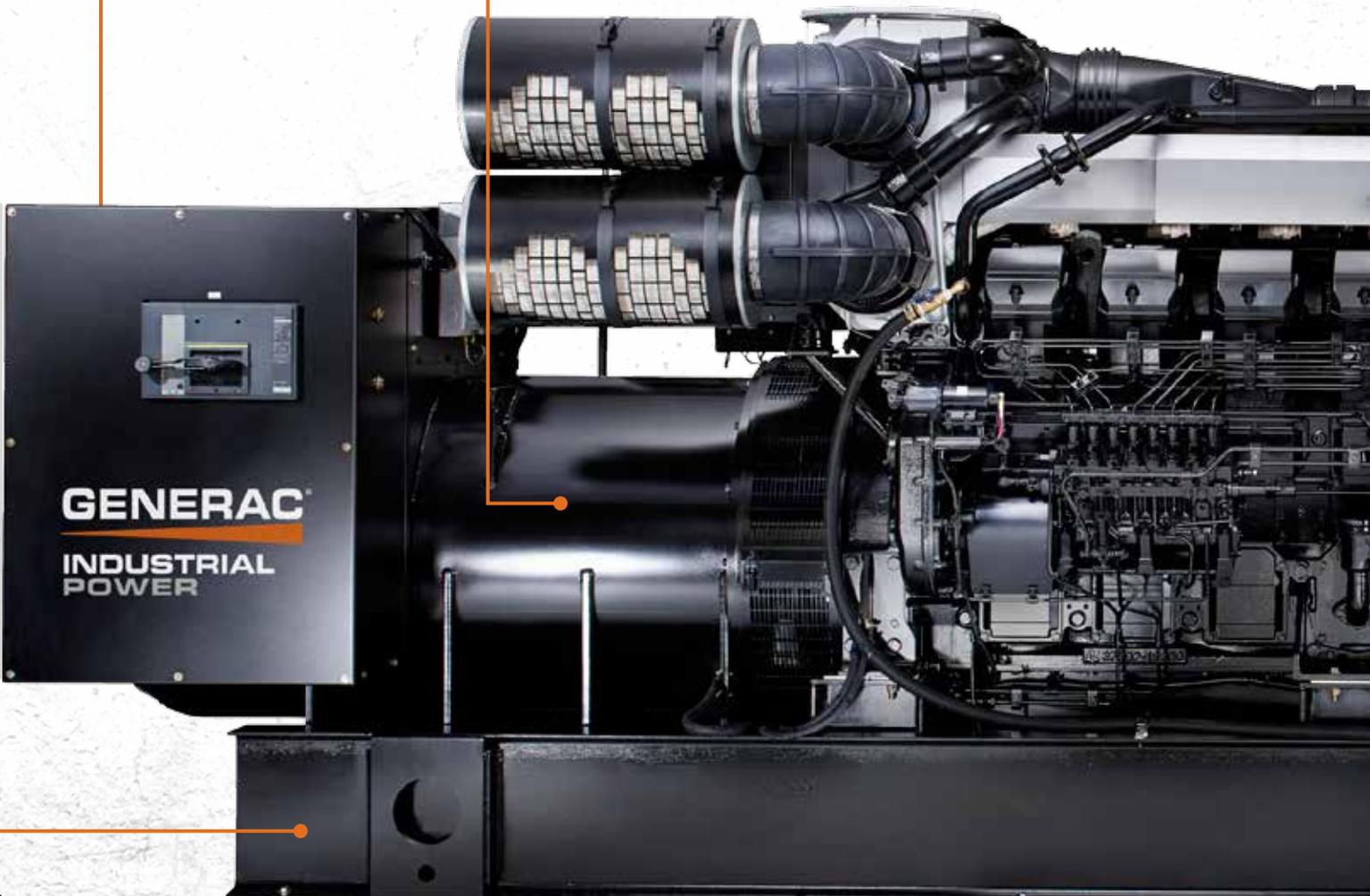
Flexible, Robust Controller

- 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

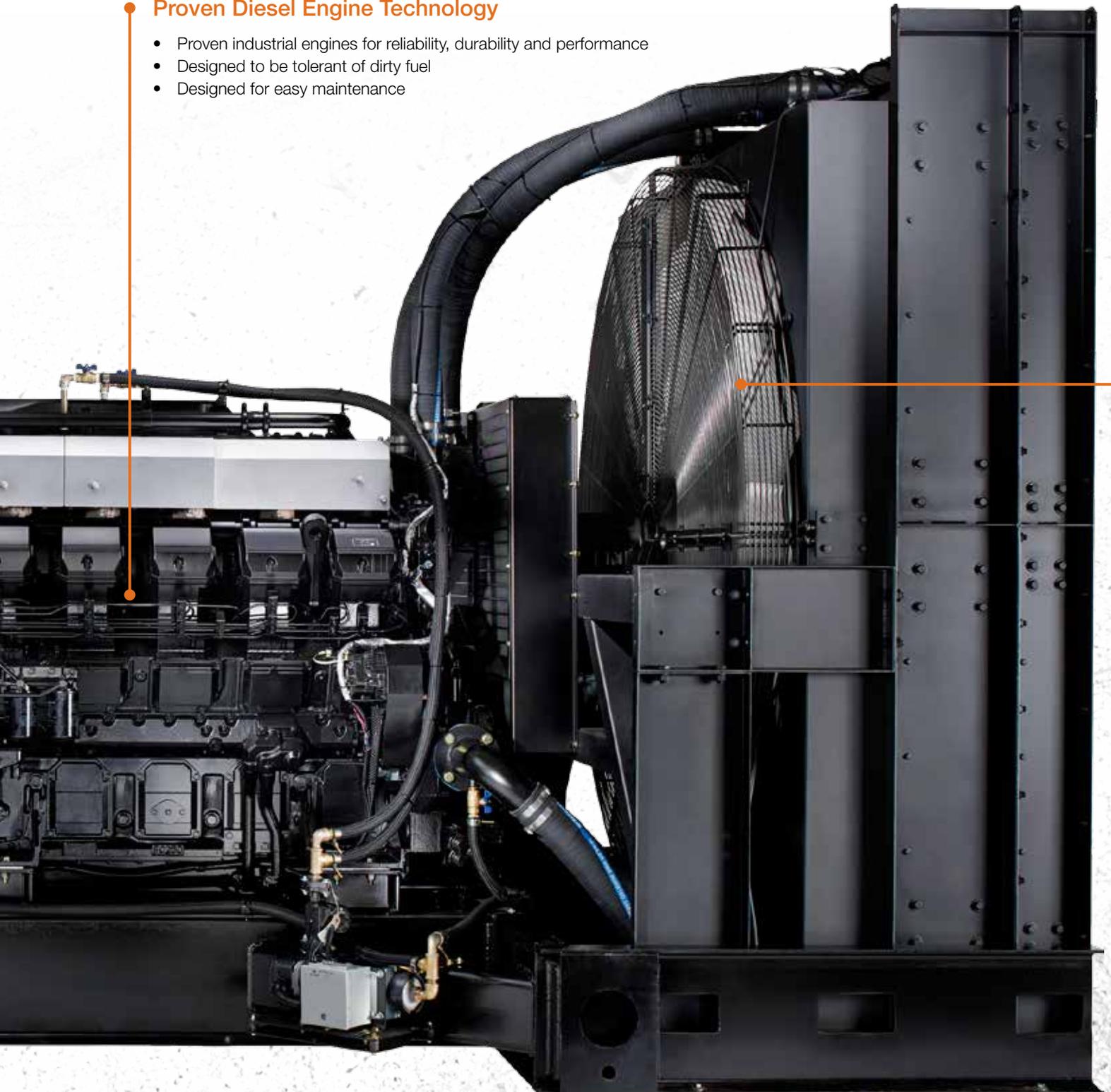
- Excellent motor starting capabilities
- Available with 125°C, 105°C and 80°C temperature rise
- Medium and Low voltage options



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Proven Diesel Engine Technology

- Proven industrial engines for reliability, durability and performance
- Designed to be tolerant of dirty fuel
- Designed for easy maintenance



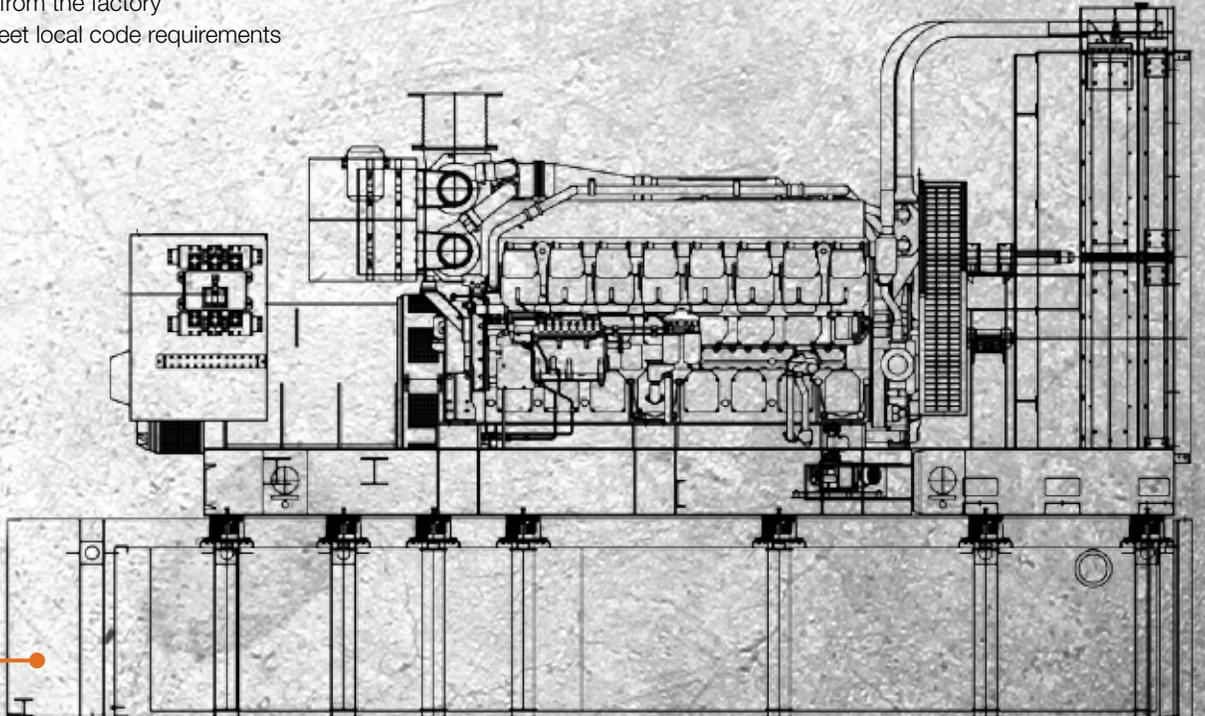
Cooling System

- 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



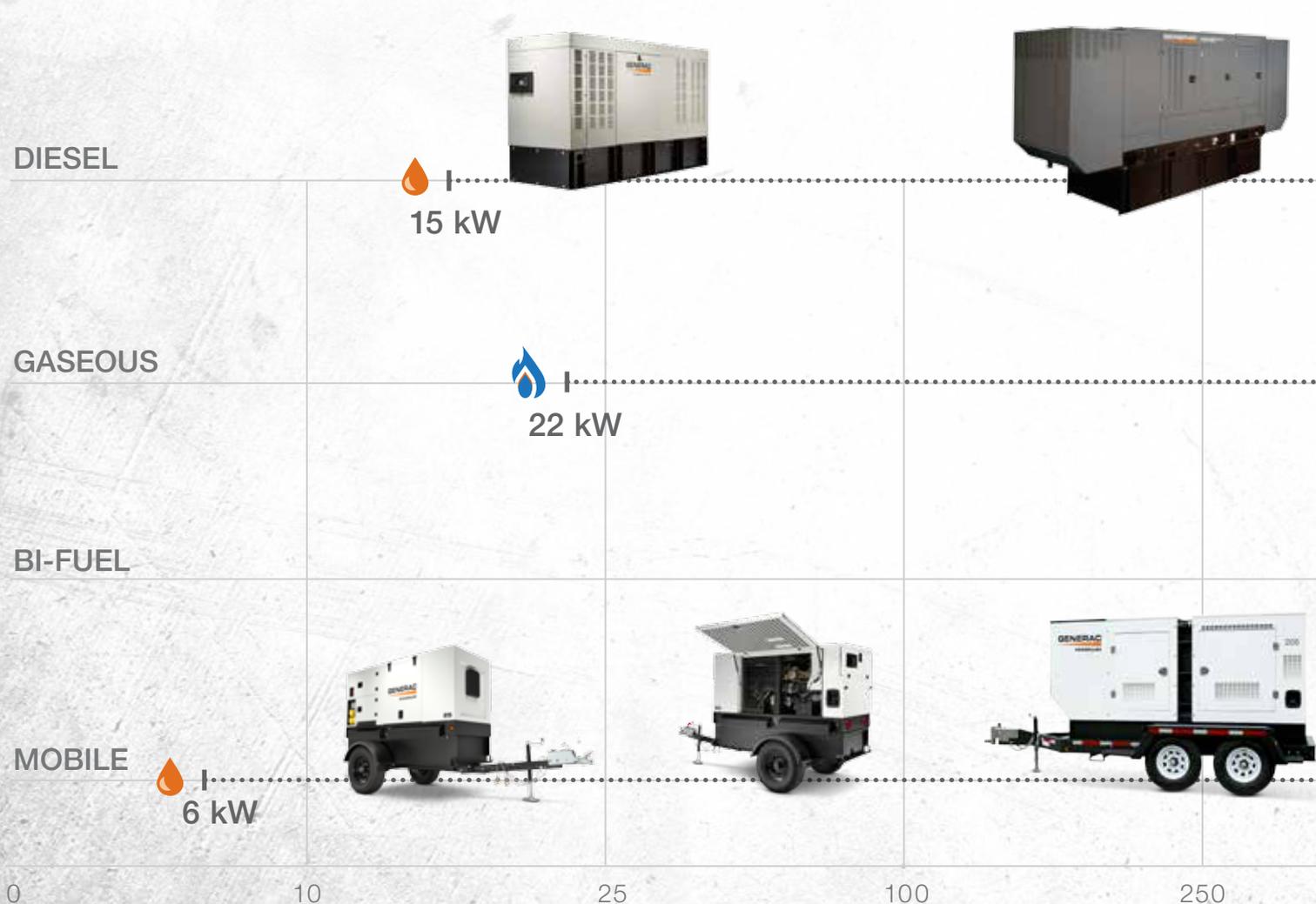
One of the largest suppliers in the industry.

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.

Diesel

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

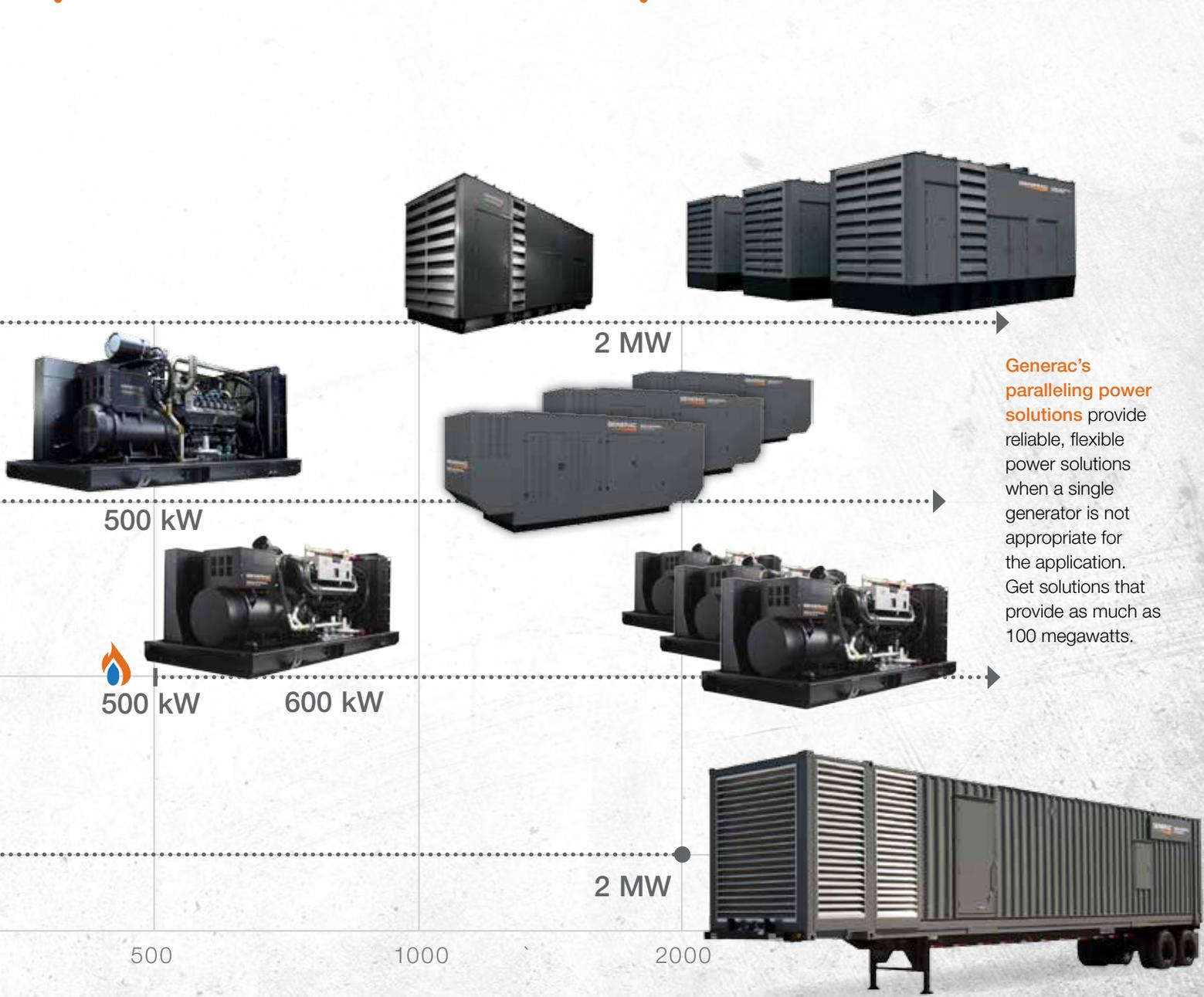
The Smartest Fuel Choice

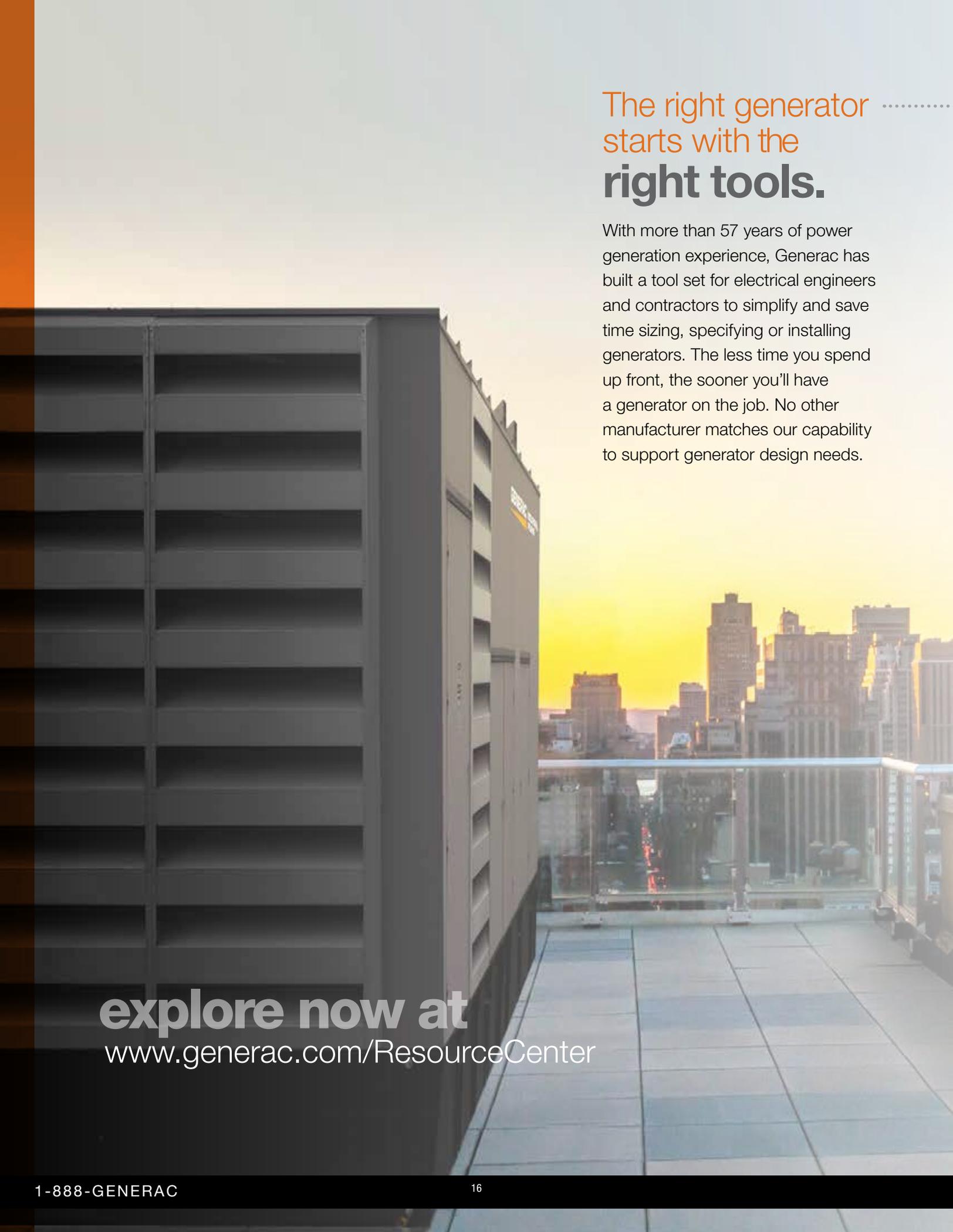
- Long Running Times: Because natural gas is supplied by a utility, refueling is not an issue.
- Environmentally Friendly: Natural gas-fueled engines emit fewer nitrogen oxides and particulate matter, while also avoiding the fuel containment, spillage, and environmental concerns associated with fuel 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.





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.

explore now at
www.generac.com/ResourceCenter

RESOURCES

GENERAC CITY

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

VIDEOS

Learn more about Generac Industrial Power and see how other businesses selected Generac standby products.

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.

WHITEPAPERS

There are many issues to consider when selecting a standby power system. Generac has a number of white papers that can help you understand all the considerations.

NEWS & ARTICLES

Stay up-to-date on the latest news, trends, and product information related to power generation in this collection of industry articles.

TOOLS

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

SPECEXPERT 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.

Veryu Data Center

Application Data Center
Location Mount Pleasant, LA
Capacity 4 x 1000kW
System Configuration ABB, VA, UPS

Application Background
 Veryu is a data center and cloud services provider. They were seeking the best energy solution for their existing data center and wanted a solution that offered a comprehensive energy strategy, including renewable energy. Veryu needed a solution that was not only cost-effective, but also offered the ability to easily maintain security as their data center continued to grow.

Solution
 Generac's Generac Industrial Power Solutions offered to provide Veryu with an innovative solution to their energy needs. The new design included a 100% hydrogen-fueled Generac UPS technology which addressed the need for high-level security. By using the hydrogen-fueled UPS, Veryu was able to reduce their energy costs while maintaining the security and reliability that their business requires. Through the partnership with Generac, Veryu was able to reduce their energy costs and improve the efficiency of their data center. Generac's solution is a 100% hydrogen-fueled UPS.



GENERAC INDUSTRIAL POWER



View hundreds of more applications at

www.Generac.com/GeneracCity

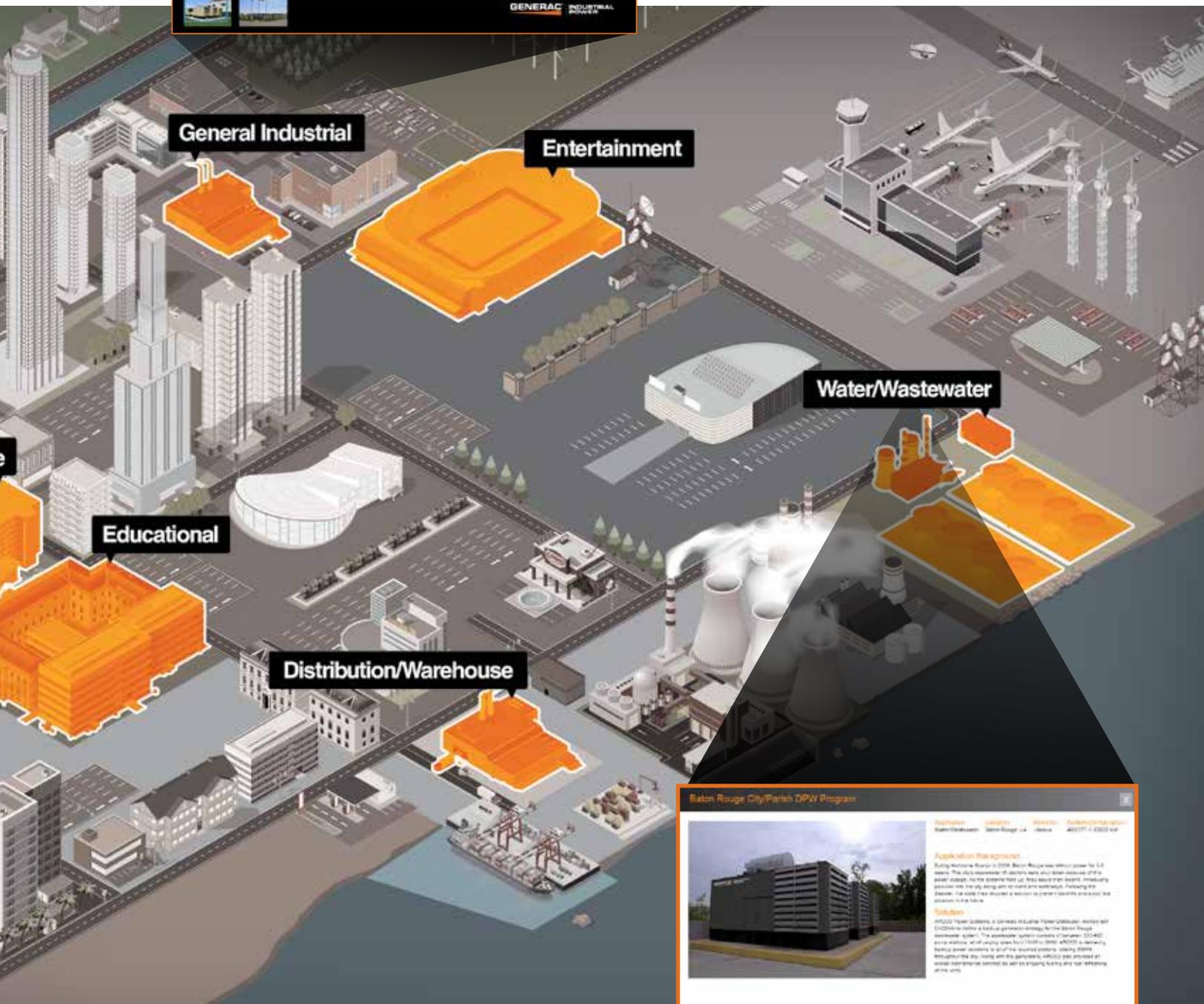
Garden Food Service

Application: Data Center **Location:** Houston, TX **Capacity:** 1.4 MW **System Configuration:** 1000kW, 24/7, 99.99%

Application Background
 Another Power Systems (APS) is one of the largest food service and managed food service distributors in North America. APS is an international corporation serving more than 75,000 products to over 10,000 customers throughout the US and Canada. The company's primary facility is over 100,000 square foot operation center for logistics, distribution, and storage. APS has a long history of providing energy solutions to its customers, and this project was created to provide 24/7 power to the facility.

Challenges
 Another Power Systems, a member of the Services Industrial Power Systems, introduced APS to Another Power Systems (APS) for General Industrial power. APS has a long history of providing energy solutions to its customers, and this project was created to provide 24/7 power to the facility. APS has a long history of providing energy solutions to its customers, and this project was created to provide 24/7 power to the facility.

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Baton Rouge City/French DPW Program

Application: Data Center **Location:** Baton Rouge, LA **Capacity:** 400kW **System Configuration:** 400kW, 24/7, 99.99%

Application Background
 Baton Rouge City/French DPW Program is a 400kW power solution for the City of Baton Rouge. The city's wastewater treatment plant is a critical facility and requires 24/7 power to operate. The city's wastewater treatment plant is a critical facility and requires 24/7 power to operate. The city's wastewater treatment plant is a critical facility and requires 24/7 power to operate.

Challenges
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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

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

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