

Industrial Bi-Fuel™ Generators 500 kW & 600 kW



THE BETTER BI-FUEL SOLUTION

GENERAC® | **INDUSTRIAL
POWER**

bi·fu·el [bahy-fyoo-uhl] noun:

The simultaneous combustion of natural gas and diesel fuel in a standby generator engine.

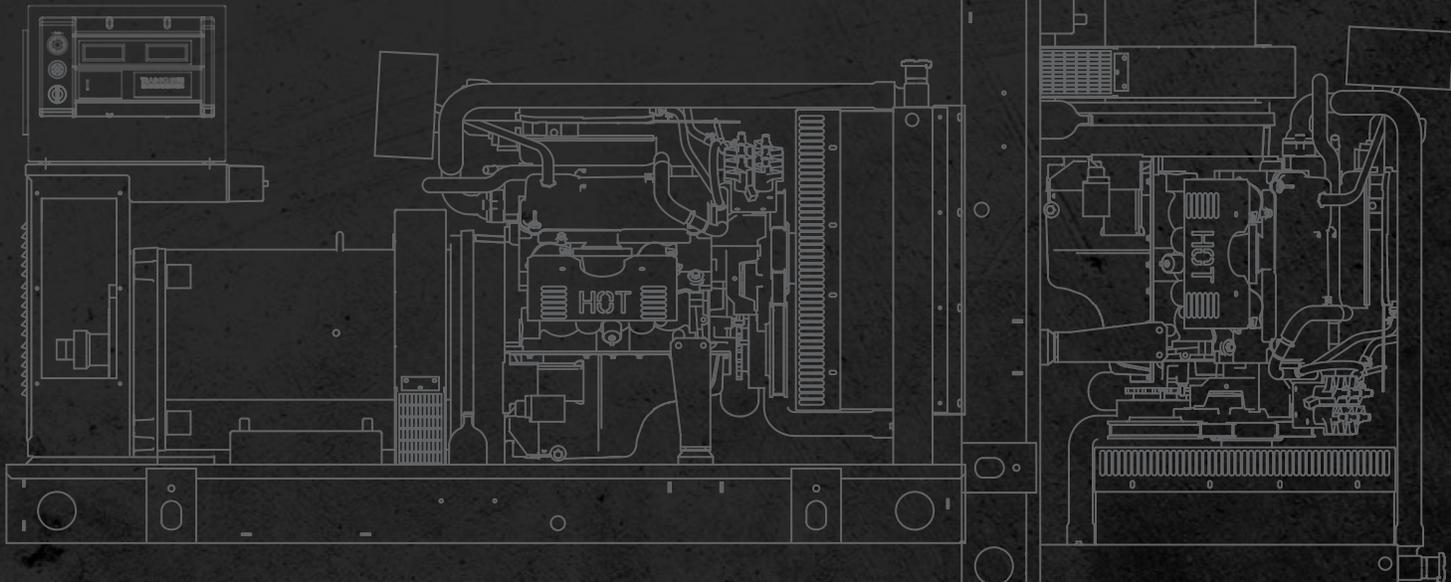
The only true bi-fuel solution.

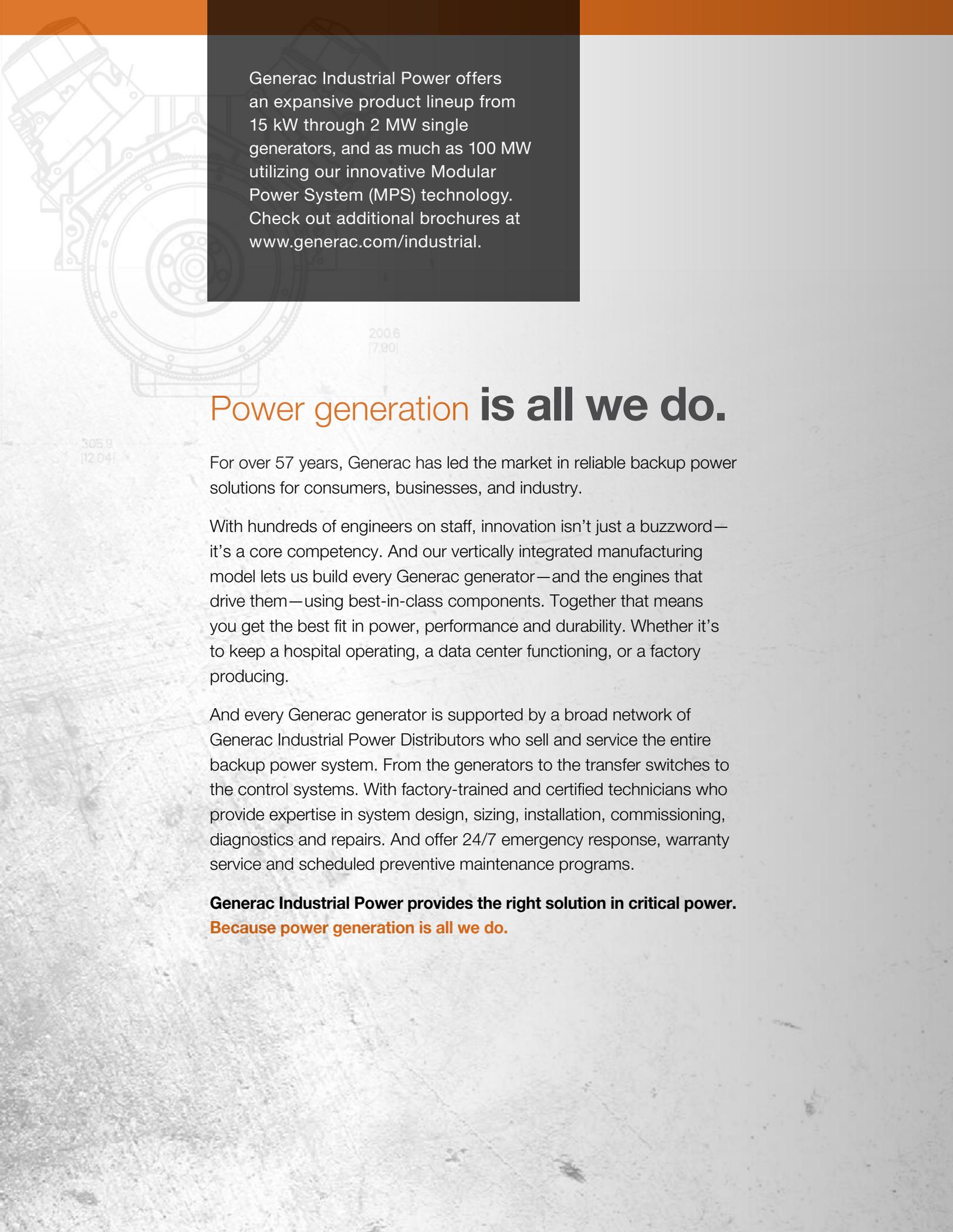
Generac Bi-Fuel generators start on diesel fuel and add natural gas as load is applied, until the unit runs primarily on natural gas. It's not a new concept—bi-fuel engines have been used in industrial applications for decades. But Generac's Bi-Fuel generators aren't after-market conversions in the field, unlike practically every other bi-fuel solution on the market. They are fully integrated solutions. That means every fuel train component, every sensor, every actuator is specifically designed, engineered, and factory validated to work together. Optimally. Efficiently. And backed by a full Generac factory warranty and product support.

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 only true bi-fuel solution on the market.

Why trust your backup power needs to anything else?





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.

Power generation is all we do.

For over 57 years, Generac has led the market in reliable backup power solutions for consumers, businesses, and industry.

With hundreds of engineers on staff, innovation isn't just a buzzword—it's a core competency. And our vertically integrated manufacturing model lets us build every Generac generator—and the engines that drive them—using best-in-class components. Together that means you get the best fit in power, performance and durability. Whether it's to keep a hospital operating, a data center functioning, or a factory producing.

And every Generac generator is supported by a broad network of Generac Industrial Power Distributors who sell and service the entire backup power system. From the generators to the transfer switches to the control systems. With factory-trained and certified technicians who provide expertise in system design, sizing, installation, commissioning, diagnostics and repairs. And offer 24/7 emergency response, warranty service and scheduled preventive maintenance programs.

Generac Industrial Power provides the right solution in critical power.
Because power generation is all we do.



Integrated Paralleling

- Configurations available up to 9 MW



Integrated Controller

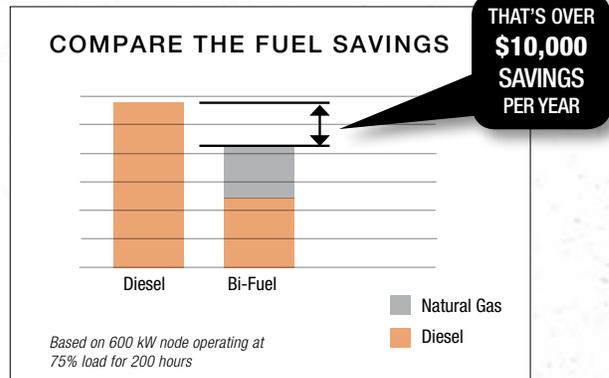
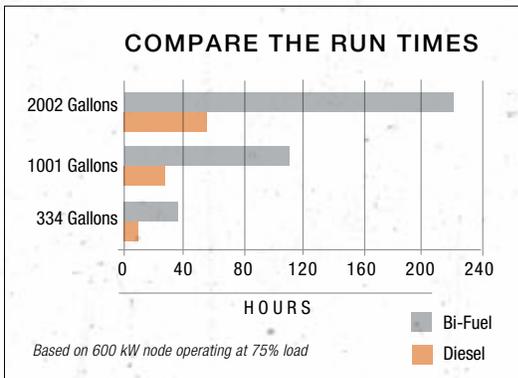
- Monitors and adjusts fuel mixture for optimal performance
- Integrated governor, regulator, protection, and paralleling

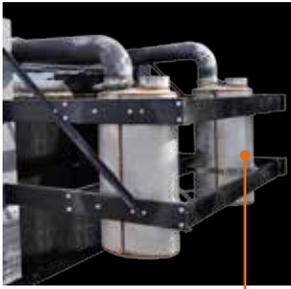
Easy-to-wire Customer Connection Interface

- Cables run straight into the power connection box
- High & low voltage terminal connections separated for improved safety

Factory-designed and Integrated Fuel Train

- All components engineered at the factory to work together
- Factory integrated and validated before shipping
- EPA compliant





Emission-reducing Catalytic Converter

- EPA factory compliant
- Fully integrated at the factory
- Catalyst supplied by Generac (unlike many competitors)



Benefits of a bi-fuel power system.

RISK MITIGATION VIA FUEL REDUNDANCY

Despite the perceived value of having diesel fuel on-site for reliability, power outages can damage infrastructure and make diesel refueling difficult or impossible. Generac Bi-Fuel generators mitigate refueling issues by operating primarily on utility-supplied natural gas. That means less diesel fuel is required on-site, and the diesel fuel that is available will last longer during an outage since running times are greatly extended compared to diesel-only solutions. Additionally, because the natural gas infrastructure tends not to be affected by the same conditions that lead to power outages, fuel reliability is improved. Should something happen to interrupt the natural gas supply, however, Generac Bi-Fuel generators can seamlessly run on 100% diesel fuel.

LOWER TOTAL COST OF OWNERSHIP

Because Generac Bi-Fuel generators run primarily on natural gas—which costs less than diesel fuel—fuel costs are significantly reduced over the long term. And since less diesel fuel is required on-site, maintenance costs associated with the diesel fuel are also reduced.

SCALABILITY AS PART OF A MODULAR POWER SYSTEM

Generac Bi-Fuel generators can be configured as part of a Modular Power System (MPS). This means they can be connected via integrated paralleling with other Generac generators—Bi-Fuel or otherwise. This makes the system scalable, meaning there is no need to install more power than you need. Simply add more modules as your business grows and power requirements increase. And with multiple generators on call and critical loads prioritized, reliability is improved even beyond the two fuel sources. Each unit can also be taken out of service for maintenance without sacrificing critical backup power.

CODE COMPLIANCE

Despite their use of utility-supplied natural gas, Generac Bi-Fuel generators meet the on-site fuel requirements for emergency systems as referenced in NEC700 and NFPA 110. With less diesel fuel required to be stored on-site, permitting also becomes easier. And indoor fuel installations with capacity limits per NFPA or local codes become a viable option.

ENVIRONMENTALLY FRIENDLY

Generac is committed to being environmentally responsible, and that includes the products that we manufacture. By integrating a cleaner fuel source, bi-fuel generators emit fewer exhaust emissions and are more environmentally friendly than diesel-only generators.

EPA COMPLIANCE FROM THE FACTORY

Generac's Bi-Fuel generators aren't the only ones on the market. But they are the **ONLY EPA FACTORY-COMPLIANT** bi-fuel units on the market. Competitive models are either third-party provided or retrofitted in the field. That means Generac Bi-Fuel generator components are factory designed and integrated, thoroughly validated to work together, and fully warranted by Generac. And all EPA testing is done at Generac before the product ships—there is no need for on-site EPA testing in the field.



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

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