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# THE GENERAC ADVANTAGE

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



**GENERAC**<sup>®</sup>  
**INDUSTRIAL  
POWER**





**GENERAC**  
INDUSTRIAL  
POWER

# WHY GENERAC? YOU BENEFIT FROM OUR ADVANTAGE

Generac did not become one of the largest generator manufacturer and supplier by accident. For six decades, Generac has driven innovation in the industry by considering generators from a unique perspective—yours. We evaluated the common problems involved in specifying, configuring, installing and maintaining generators, and created unique solutions to make Generac the best choice.

## Power Is All We Do – Power as an integrated system

- ▶ Generac Industrial Power only builds power systems.
- ▶ We engineer and manufacture each product family as an integrated system. Our systems with single-source responsibilities are under warranty for up to 10 years.

## Constantly Updating – Code compliant

- ▶ Generac provides reliable backup power while simultaneously maintaining compliance with the ever-changing regulations, codes, and industry standards.

## Natural Gas Technology Leader – Reliable, cleaner, smarter

- ▶ Generac designs and manufactures advanced gaseous-powered systems that start fast and respond quickly to block loads.

## Demand Response Ratings – The flexibility to unlock value

- ▶ All Generac Industrial Gas models are Demand Response rated and meet EPA certification requirements. Generac is the only manufacturer to offer this wide range of Demand Response rated products.

## Proven Power – Response, power, longevity

- ▶ Generac offers a wide range of diesel-powered generator solutions from 10 kW to 2 MW.

## Peace of Mind – Redundancy for emergency

- ▶ We believe redundancy reduces the chance of failure, so we pioneered integrated paralleling to provide redundancy without penalty. Redundant generators reduce the chance for a total power outage for the same or less cost per kW as a single generator.

## Factory-Certified Technicians – Support you can trust

- ▶ Generac's team of engineers, and over 3,000 certified technicians, have worked in the field for decades and are there to support you from design stages of a project through the life of the product. The certification process requires each technician to master troubleshooting and servicing of the entire system to provide help in your darkest hour.



*Generac is supportive, they were a team player, and we don't always see that support from all levels of the design. It was great that our very important, critical element was fully supported from the manufacturer. Without that support I don't think we would have delivered the same end product that we did. We would specify Generac again."*

– Jacob Pohlman, Electrical Engineer, Smithgroup JJR



# MODULAR POWER SYSTEMS (MPS)

## TRULY INTEGRATED PARALLELING

Generac has taken the complexity out of paralleling total power generators with our Modular Power Systems (MPS). MPS eliminates the expense and space required with traditional paralleling gear. Additional savings include: installation, setup and testing labor costs. MPS simplifies the complexity of installation and increases power system reliability.



*More Cost Effective than Traditional Paralleling Solutions*



*Generac's Modular Power Systems Boast A 99.999% Reliability with Multiple Points of Redundancy*



*Scalability for Planned and Unplanned Growth*



*Short Lead Times with High Volume Production Engines*



*Loads are Protected During Servicing*



*Generators can be in Multiple Locations within the Same Site*

## FUEL FLEXIBILITY

When designing a standby generator system, there are several options when it comes to fuel – gaseous, diesel and bi-fuel. Diesel generators are the established standard for power generators, however, several options are emerging to address issues such as smart grids, grid reliability, and environmental regulations. Fuel prices, supply, and maintenance are key factors in lifecycle costs and reliability for power generation. It is important to know the reliability and flexibility of each option before specifying a fuel choice for the system.



### DIESEL

#### THE TRADITIONAL CHOICE FOR STANDBY POWER

- ▶ Code compliant
- ▶ Great option for when on-site fuel storage is required
- ▶ Efficient choice for high kW applications



### NATURAL GAS

#### THE SMARTEST FUEL CHOICE

- ▶ Clean, reliable and easy to maintain
- ▶ Great option for facilities that don't want the hassle and cost of on-site diesel
- ▶ Environmentally friendly
- ▶ Unmatched runtime



### BI-FUEL

#### THE ONLY TRUE BI-FUEL SOLUTION

- ▶ Combine the power of diesel with the reliability and clean operation of natural gas
- ▶ Runtime is four times longer on a given amount of diesel fuel



# DISTRIBUTOR NETWORK STRENGTH

A broad network of Generac Industrial Power Distributors, who sell and service the entire backup power system, supports every system from the generators to the transfer switches to the control systems. Factory-trained and certified technicians provide expertise in system design, sizing, installation, commissioning, diagnostics and repairs.

## TECHNICAL SUPPORT

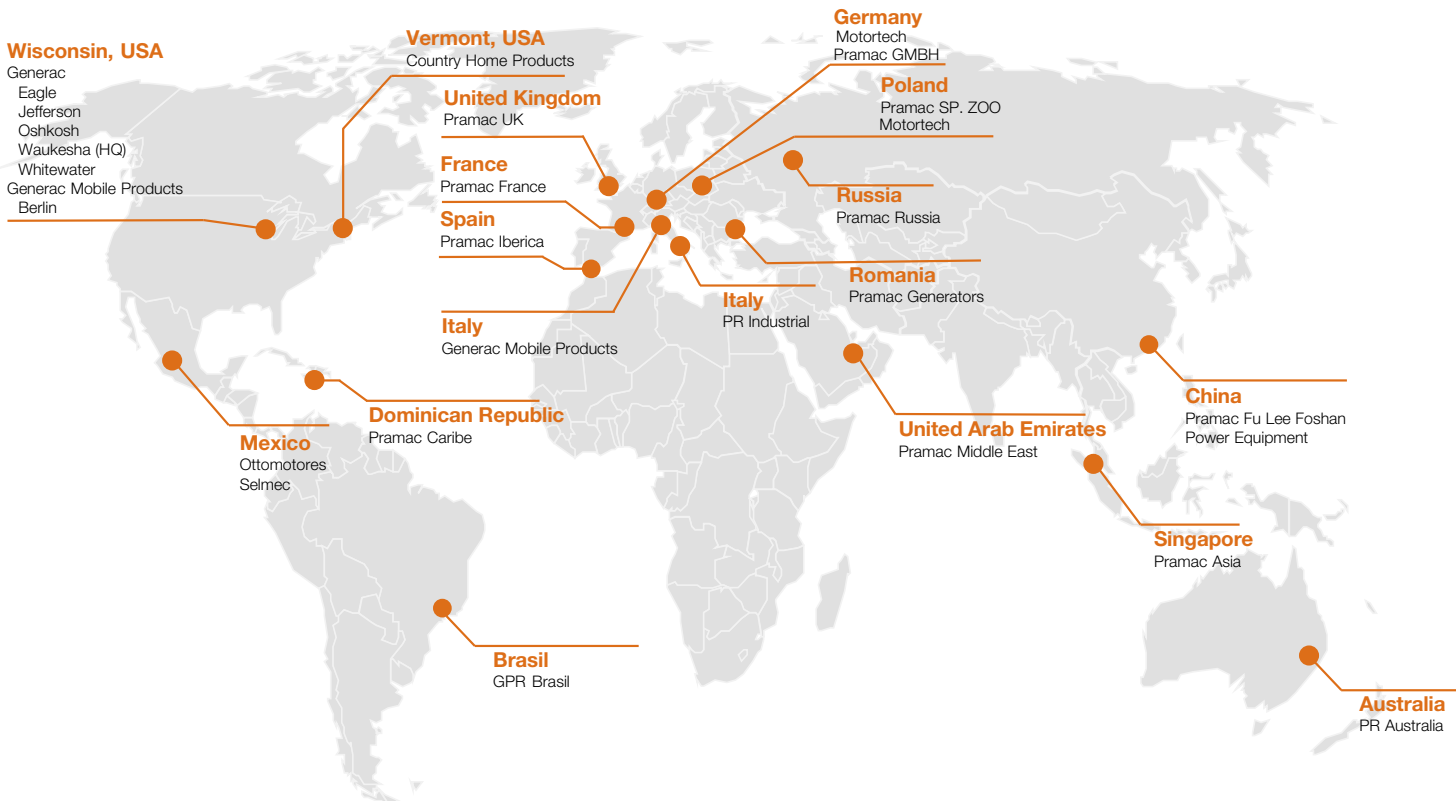
- ▶ Available 24/7/365
- ▶ Technicians have the unique skill set of servicing and repairing integrated switchgear

## LOCAL PRESENCE

- ▶ The personnel in your network will have knowledge of:
- ▶ The market's regulatory climate
- ▶ Relationships with utility companies and awareness of Demand Response programs
- ▶ Relationships with local contractors

## GLOBAL PRESENCE

- ▶ Generac has distributors worldwide to help you find the best industrial generator for your needs



# PASSING THE TEST

Generac goes to great lengths to inspect their generators before they leave the factory to ensure customers get the power they need, when they need it. Generac operates their own test and R&D facility. Before a design goes into production, it undergoes prototype testing to evaluate every aspect of performance. This ensures each engine and gen-set conforms to every major industry and EPA standard. Generac's testing uses specialized protocols to test emissions, sound and endurance, torsional analysis, transient response, maximum motor starting and structural soundness.





# ONE SUPPLIER FOR ALL NEEDS

Generac Industrial Power manufactures the widest range of backup power products to facilitate the unique power needs of today's industrial-sized applications. With fully automatic transfer switches, accessories, and generators designed for commercial and industrial-sized applications with multi-megawatt capacities, Generac Industrial Power also offers state-of-the-art tools and educational programs for a variety of industry professionals. By producing some of the most flexible and innovative products on the market while providing hands-on training, Generac Industrial Power works every day to ensure businesses and industries have everything they need to remain adequately powered at all times.

## GENERATOR

- ▶ Diesel
- ▶ Natural Gas
- ▶ Bi-fuel

## TRANSFER SWITCHES

### GTS TRANSFER SWITCHES

- ▶ 100-2,600 amps
- ▶ Open with in-phase, delayed transition
- ▶ 2-Wire start

### HTS TRANSFER SWITCHES

- ▶ 100-2,600 amps
- ▶ Open with in-phase, delayed transition
- ▶ Power Manager® H-100 or G-100 controller

### PSTS TRANSFER SWITCHES

- ▶ 100-500 amps
- ▶ Open with in-phase, delayed, bypass, isolation or closed transition
- ▶ 2-Wire start

## CONTROLLERS

### POWER ZONE CONTROLLER

- ▶ Touch screen with Bluetooth, Wi-Fi, Ethernet connectivity
- ▶ Easy to access manuals and help tips

### ATC-900 CONTROLLER

- ▶ 4.3-inch LED color monitor
- ▶ Records up to 450 real time-stamped events

### ATC-300 CONTROLLER

- ▶ 2-line, 32-character alphanumeric LCD display
- ▶ Programmable plant exerciser
- ▶ Remote annunciator
- ▶ Remotely monitor and control multiple transfer switches
- ▶ Connects to ATC-900 or ATC-300+ controller

## CONTINUING EDUCATION

### PDSS

- ▶ Our courses allow design, sales and consulting engineers to earn free CEU and PDH credits to enhance their expertise

### GIP SYMPOSIUM

- ▶ Designed to educate industry professionals on generator sizing, application types and code compliance requirements



## GAS ENGINES

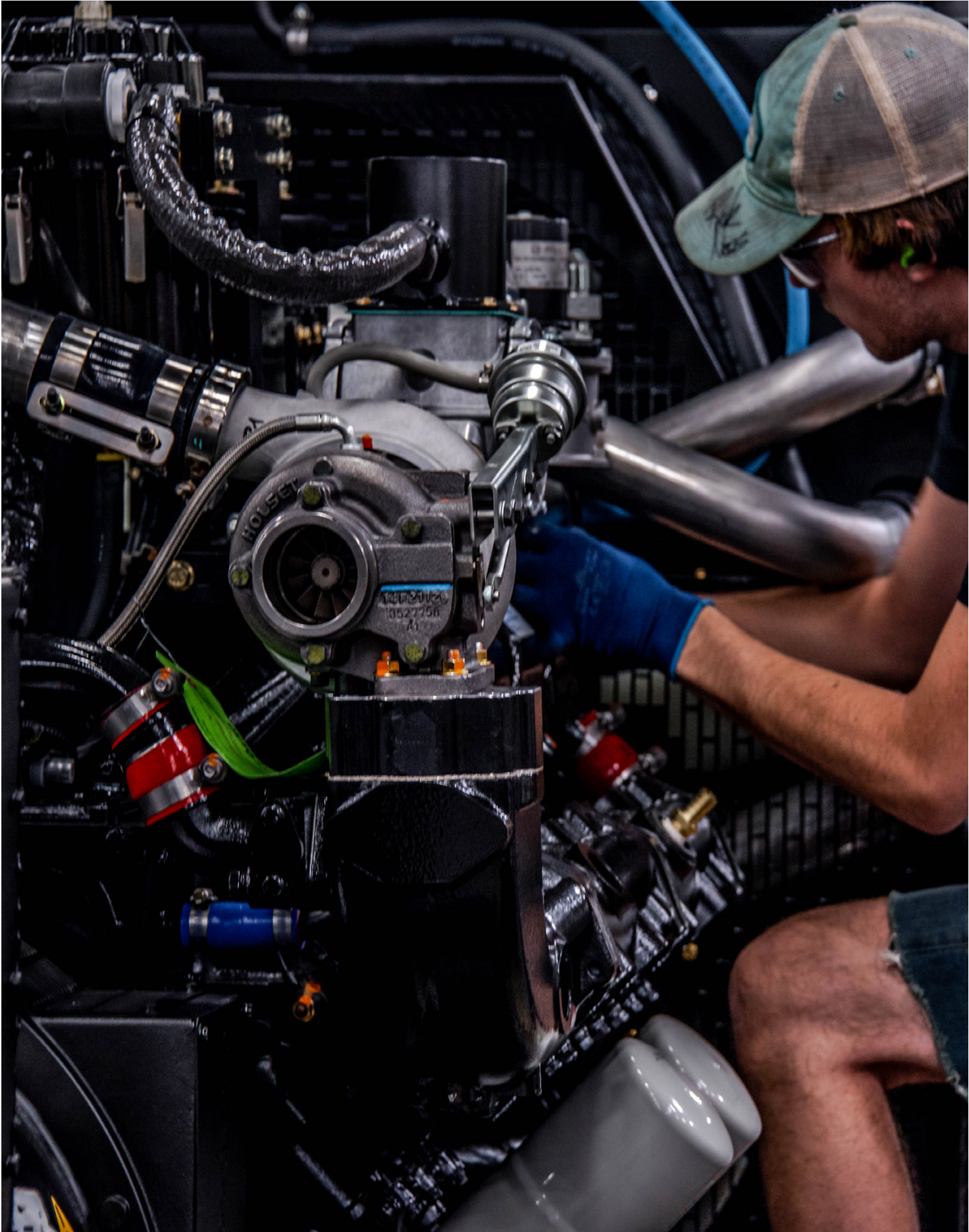
Model Number	KW	Engine Displacement	Open Set Footprint	Level 1 Footprint	Level 2 Footprint	Open Set Weight (LBS)	Fuel Consumption 100% (scuft/hr)
QT025A	25	2.4L	77.0 x 34.0 x 43.0	77.0 x 34.0 x 46.0	N/A	1,163	380
SG035	35 *	5.4L	76.0 x 37.4 x 46.3	112.5 x 38.0 x 49.5	94.8 x 38.0 x 62.0	2,318	682
SG040	40 *		76.0 x 37.4 x 46.3	112.5 x 38.0 x 49.5	94.8 x 38.0 x 62.0	2,221	752
SG045	45 *		76.0 x 37.4 x 46.3	112.5 x 38.0 x 49.5	94.8 x 38.0 x 62.0	2,256	817
SG050	50 *		76.0 x 37.4 x 46.3	112.5 x 38.0 x 49.5	94.8 x 38.0 x 62.0	2,256	879
SG050	50 *		6.8L	92.9 x 40 x 75.4	129.4 x 40.5 x 55.3	111.8 x 40.5 x 67.8	1,929
SG060	60 *	92.9 x 40 x 75.4		129.4 x 40.5 x 55.3	111.8 x 40.5 x 67.8	1,929	923
SG070	70 *	92.9 x 40 x 75.4		129.4 x 40.5 x 55.3	111.8 x 40.5 x 67.8	1,929	1,009
SG080	80	9.0L	92.9 x 40.0 x 48.0	129.4 x 40.5 x 56.2	111.8 x 40.5 x 68.6	2,371	1,247
SG100	100		92.9 x 40.0 x 48.0	129.4 x 40.5 x 56.2	111.8 x 40.5 x 68.6	2,543	1,280
SG130	130 *		110.0 x 39.9 x 54.3	154.1 x 40.5 x 63.1	144.5 x 40.5 x 80.0	2,674	1,797
SG150	150		116.5 x 49.7 x 55.6	168.5 x 50.4 x 68.2	142.4 x 50.4 x 99.0	2,948	2,042
SG150	150 *		14.2L	128.0 x 53.4 x 62.3	179.9 x 54 x 69.8	154.4 x 54.0 x 93.3	5,389
SG175	175 *	128.0 x 53.4 x 62.3		179.9 x 54 x 69.8	154.4 x 54.0 x 93.3	5,442	2,340
SG200	200 *	128.0 x 53.4 x 62.3		179.9 x 54 x 69.8	154.4 x 54.0 x 93.3	5,460	2,571
SG230	230	136.0 x 57.6 x 67.9		200.2 x 57.5 x 77.8	180.6 x 57.5 x 107.3	6,031	2,775
SG250	250	136.0 x 57.6 x 67.9		200.2 x 57.5 x 77.8	180.6 x 57.5 x 107.3	6,031	2,983
SG275	275	136.0 x 57.6 x 67.9		200.2 x 57.5 x 77.8	180.6 x 57.5 x 107.3	6,587	3,161
SG300	300	136.0 x 57.6 x 67.9		200.2 x 57.5 x 77.8	180.6 x 57.5 x 107.3	6,587	3,426
SG350	350 *	21.9L		154.4 x 71.0 x 67.6	247.5 x 70.9 x 80.0	207.4 x 70.9 x 114.1	8,274
SG400	400 *		154.4 x 71.0 x 67.6	247.5 x 70.9 x 80.0	207.4 x 70.9 x 114.1	8,274	4,878
SG450	450		154.4 x 71.0 x 67.6	247.5 x 70.9 x 80.0	207.4 x 70.9 x 114.1	8,274	5,321
SG500	500	25.8L	154.4 x 70.5 x 74.9	247.5 x 70.9 x 80.0	207.4 x 70.9 x 114.1	9,739	5,820
SG625	625	33.9L	178.3 x 82.6 x 141.9	287.9 x 96.0 x 156.5	339.9 x 151.7 x 156.5	14,824	6,282
SG750	750		178.3 x 82.6 x 141.9	287.9 x 96.0 x 156.5	339.9 x 151.7 x 156.5	16,371	7,770

## DIESEL ENGINES

Model Number	KW	Engine Displacement	Open Set Footprint	Level 1 Footprint	Level 2 Footprint	Open Set Weight (LBS)	Fuel Consumption 100% (GPH)
SD10	10	2.4L	76.5 x 37.4 x 42.2	112.5 x 38.0 x 49.5	94.8 x 38.0 x 62.0	1,576	1.1
SD15	15		76.5 x 37.4 x 42.2	112.5 x 38.0 x 49.5	94.8 x 38.0 x 62.0	1,576	1.5
SD20	20		76.5 x 37.4 x 42.2	112.5 x 38.0 x 49.5	94.8 x 38.0 x 62.0	1,659	1.8
SD25	25		76.5 x 37.4 x 42.2	112.5 x 38.0 x 49.5	94.8 x 38.0 x 62.0	1,659	2.5
SD30	30		76.5 x 37.4 x 42.2	112.5 x 38.0 x 49.5	94.8 x 38.0 x 62.0	1,623	2.7
SD35	35	3.4L	76.7 x 37.4 x 45.2	112.5 x 38.0 x 49.5	94.8 x 38.0 x 61.9	1,838	3.1
SD40	40		76.7 x 37.4 x 45.2	112.5 x 38.0 x 49.5	94.8 x 38.0 x 61.9	1,838	3.5
SD50	50		76.7 x 37.4 x 45.2	112.5 x 38.0 x 49.5	94.8 x 38.0 x 61.9	1,838	4.3
SD60	60	4.5L	92.9 x 40.0 x 49.2	129.4 x 40.5 x 56.2	111.8 x 40.5 x 68.6	3,326	4.8
SD80	80		92.9 x 40.0 x 49.2	129.4 x 40.5 x 56.2	111.8 x 40.5 x 68.6	3,326	6.3
SD100	100	6.7L	116.6 x 49.7 x 51.7	168.5 x 50.4 x 68.2	143.0 x 50.4 x 91.7	3,538	7.3
SD130	130		110.4 x 39.9 x 51.7	154.1 x 40.5 x 64.1	144.5 x 40.5 x 80.9	3,765	9.6
SD150	150		110.4 x 39.9 x 51.7	154.1 x 40.5 x 64.1	144.5 x 40.5 x 80.9	3,561	11.2
SD175	175		117.9 x 49.7 x 57.2	168.5 x 50.4 x 68.2	143.0 x 50.4 x 91.7	3,631	13.5
SD200	200	8.7L	128.0 x 53.4 x 57.5	179.9 x 54.0 x 69.8	154.5 x 54.0 x 93.3	5,108	14.8
SD230	230		128.0 x 53.4 x 57.5	179.9 x 54.0 x 69.8	154.5 x 54.0 x 93.3	5,108	17.0
SD250	250		128.0 x 53.4 x 57.5	179.9 x 54.0 x 69.8	154.5 x 54.0 x 93.3	5,108	18.5
SD275	275	10.3L	137.5 x 57.6 x 67.8	200.2 x 57.5 x 77.8	180.7 x 57.5 x 107.3	6,461	19.6
SD300	300		137.5 x 57.6 x 67.8	200.2 x 57.5 x 77.8	180.7 x 57.5 x 107.3	7,457	22.1
SD350	350	12.9L	137.5 x 57.6 x 67.8	200.2 x 57.5 x 77.8	180.6 x 57.5 x 107.3	7,330	25.3
SD400	400	12.5L	137.5 x 57.6 x 67.8	200.2 x 57.5 x 77.8	180.6 x 57.5 x 107.2	7,600	27.8
SD500	500	15.2L	154.4 x 71.0 x 67.3	247.5 x 70.9 x 80.0	207.4 x 70.9 x 114.1	10,580	31.2
SD600	600	18.1L	154.4 x 71.0 x 67.5	247.5 x 70.9 x 80.0	207.4 x 70.9 x 114.1	10,778	41.4
SD750	750	33.9L	177.7 x 82.6 x 94.0	289.0 x 99.3 x 169.3	339.9 x 150.0 x 169.3	27,822	65.2
SD800	800		177.7 x 82.6 x 94.0	289.0 x 99.3 x 169.3	339.9 x 150.0 x 169.3	27,822	65.2
SD900	900	37.1L	179.7 x 89.6 x 97.8	288.0 x 110.0 x 172.3	339.3 x 216.8 x 172.3	23,338	77.9
SD1000	1000		179.7 x 89.6 x 97.8	288.0 x 110.0 x 172.3	339.3 x 216.8 x 172.3	23,338	77.9
Gemini	1000	(2) 16.0L	-	-	-	-	62.6
SD1250	1250	49.0L	215.7 x 93.1 x 108.2	330.0 x 114.0 x 199.0	404.0 x 262.0 x 199.0	27,275	94.0
SD1500	1500	65.4L	230.1 x 106.8 x 116.4	351.0 x 120.0 x 188.7	425.3 x 268.5 x 191.6	35,078	133.0
SD2000	2000		241.9 x 106.8 x 123.5	373.0 x 122.0 x 191.9	445.4 x 267.1 x 191.6	32,665	146.7

\*Standard Model

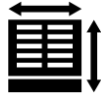






## SO, WHAT'S IN YOUR TOOLBOX?

### GENERATOR SPECIFYING, SIZING & COMPARISON TOOLS



*Power Design Pro™*



*Product Model Files*



*TCO Calculator*

### INFORMATION RESOURCES



*Generac City™*



*User Case Studies*



*Video Library*

### NEWS & WHITEPAPERS



*3rd Party  
News & Articles*



*PowerConnect™  
Newsletter*



*Whitepapers*

### CONTINUING EDUCATION



*PDSS™*



*Annual Engineering  
Power Symposium*

### PRODUCT DOCUMENTS



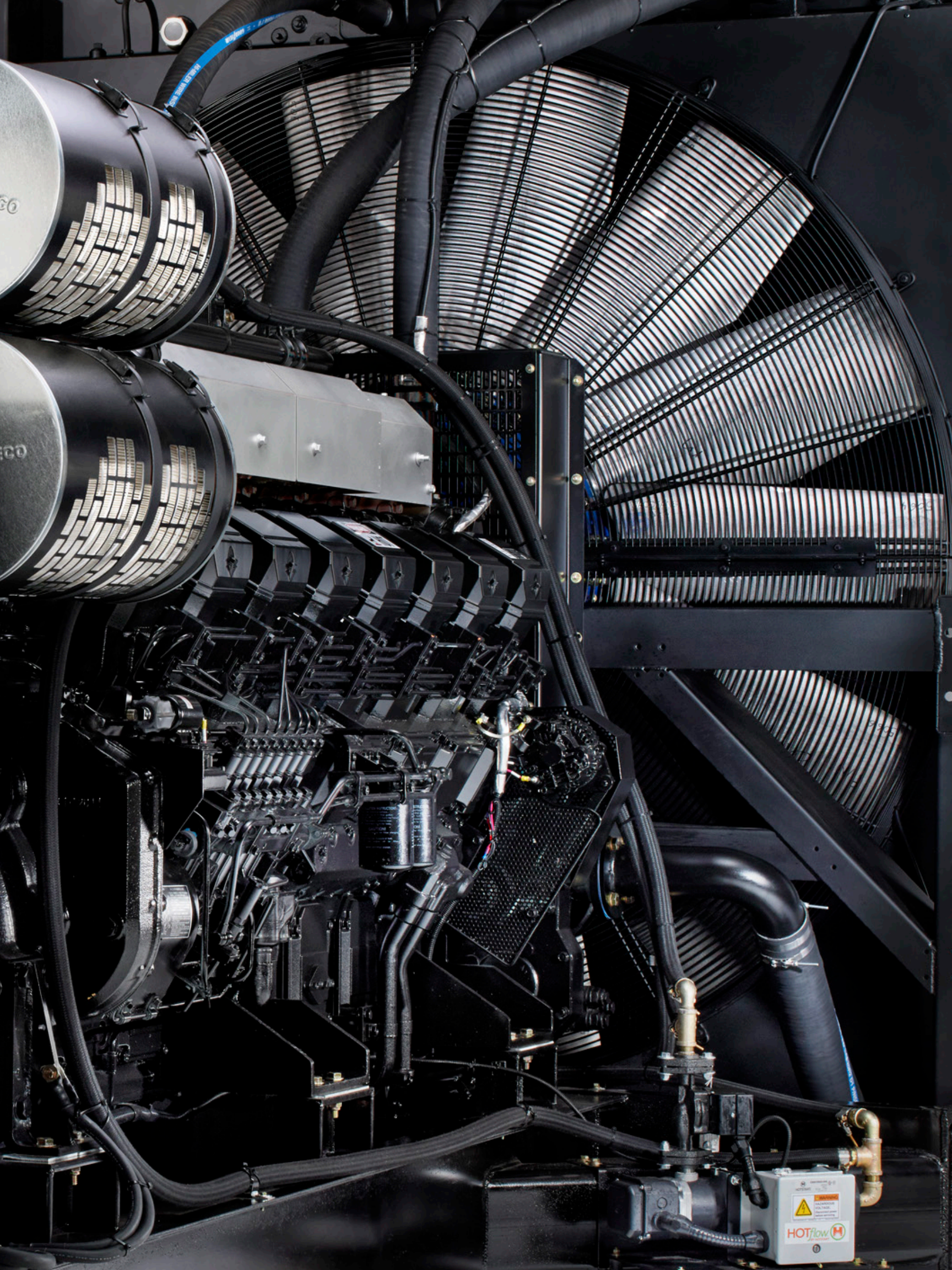
*Spec Sheets*



*Brochures*

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## PROVEN SOURCE. POWERFUL SOLUTIONS.

We are a global company with more than 2.7 million square feet of vertically integrated manufacturing capacity. We are one of North America's largest suppliers of power generation equipment with an intense focus on innovation that creates a disruptive force in the marketplace. We design and manufacture natural gas, diesel and bi-fuel generators that can work alone or be paralleled to provide you with a more robust genset solution. We also provide a world-class Industrial Distribution Network that stands behind you 24/7/365, as well as access to our in-house engineers and technical support.

**Our inventive Industrial Power gensets are standing by, ready to meet virtually any application.**

For more information, such as FAQ's,  
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