

PROTECTOR™ SERIES
AUTOMATIC STANDBY DIESEL GENERATOR

15-50 kW



Choose the #1 Selling Standby Generator Brand

Founded in 1959, Generac was the first to engineer affordable home standby generators, along with the first engine developed specifically for the rigors of generator use, and is now the #1 manufacturer of home standby generators. Generac manufactures the widest range of power products in the marketplace including portable, residential, commercial and industrial generators. We are also the leading designer and manufacturer of manual and fully automatic transfer switches and accessories for backup power applications up to 50 kW. Generac revolutionized the commercial generator market with the first standby generators powerful enough to back your entire business without the cost of expensive configured systems. Whether you are protecting your home or your business, Generac is your trusted source for all your backup power needs.





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AUTOMATIC STANDBY DIESEL GENERATOR

All the conveniences of modern living—heat, central air, refrigeration, communication—are nothing without power. When the power supply is disrupted, our lives and businesses can come to a sudden halt. An automatic standby generator protects you from power failures, restoring power within seconds of an outage, so you can have peace of mind and the power you need.

Generac's new Protector™ Series diesel generators raise the bar for residential and light commercial diesel generators. Building and zoning codes can vary wildly from one region to another. In the past, the only answer was to order expensive, custom-configured solutions.

Until now.

Generac's diesel-powered Protector Series features Code Ready, a set of popular preconfigured options and a range of code-driven accessories, so you can feel confident that your generator will be able to conform to the required local codes. The Protector Series is versatile, adaptable, meets UL requirements, and is an affordable optional standby diesel generator for your backup power needs.

FEATURES:



EVOLUTION™ CONTROLLER – The next generation of intuitive controllers featuring a multilingual, two-line LCD text display with color-coded, backlit buttons.



QUIET-TEST™ – Protector Series diesel generator with Quiet-Test, a weekly self-test mode that runs at a lower RPM, is quieter, and consumes less fuel.



5 YEAR LIMITED WARRANTY – We are proud of our innovative product design, high quality and first-class reliability so we stand behind them with a strong 5-year limited warranty.



CODE READY – The Protector Series offers compatibility with a variety of environments, with external vent and fill, a UL/CUL 142-listed, double-walled base tank, a UL/CUL 2200-listed generator, and a wide range of code-driven accessories.



ADDITIONAL FEATURES:

- Ease of installation and service
 - External viewing window for easy inspection of generator status and breaker position
 - Removable doors for easy service and fuel fill access
- Isochronous Governor – electronic governor control for tight and precise load response and voltage (+/- 1%) and frequency regulation
- Available in single- and three-phase configurations

SPECIFICATIONS

	15 kW	20 kW	30 kW	48 / 50 kW
Model Number	RD015	RD020	RD030	RD048* / RD050
Engine/Alternator RPM	1800/1800			
Engine	In-line 4-cylinder			
Fuel Type	Diesel			
Output Voltage 120/240 V, 1Ø, 1.0 pf	62	83	125	200
Output Voltage 120/208 V, 3Ø, 0.8 pf	52	69	104	173
Output Voltage 120/240 V, 3Ø, 0.8 pf	45	60	90	150
Output Voltage 277/480 V, 3Ø, 0.8 pf	n/a	n/a	45	75
Fuel Consumption @ 1/2 load - gal/hr (L/hr)	0.79 (2.99)	1.05 (3.97)	1.45 (5.5)	2.3 (8.71)
Fuel Consumption @ full load - gal/hr (L/hr)	1.48 (5.58)	1.98 (7.48)	2.74 (10.4)	4.3 (16.36)
Quiet-Test Mode	Yes			
db(A) at exercise	65			
db(A) at normal operating load	70			
Enclosure	Steel			
Enclosure Color	Gray			
Warranty	5-year limited			
Dimensions (L" x W" x H")	49.4 x 80.8 x 30.55		55.4 x 95.4 x 35	
Weight (lbs.)	1474	1574	1755	2114
EPA Emission Regulations	Yes			

*1Ø only

Nationwide Dealer Service Network

Generac's commitment to service includes scheduled maintenance programs, warranty assistance and emergency service to ensure that Generac customers are never left powerless. The largest nationwide dealer network has factory-trained technicians on staff and maintains large inventories of Generac parts, components and accessories. Find a dealer near you at generac.com.

THE GENERAC
PROMISE



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