

15-50kW PROTECTOR® SERIES

**GENERAC®**

# Automatic Standby Diesel Generator



Protecting your home,  
farm and small business

# Choose the #1 Selling Standby Generator Brand

Founded in 1959, Generac was the first company 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 generating 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. Generac revolutionized the commercial generator market with the first standby generators powerful enough to backup an 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.

## Features & Benefits:



### MOBILE LINK™ CONNECTIVITY

Standard with all Protector Series Generators. Mobile Link allows you to monitor the status of your generator from anywhere in the world using a smartphone, tablet, or PC. Easily access information, such as the current operating status and the generator's maintenance schedule. Connect your account to an authorized service dealer for fast, friendly and convenient assistance. With Mobile Link, your generator is taken care of before the next outage.



### 5-YEAR LIMITED WARRANTY

Included with all Protector Series home standby generators.



### BUILT IN THE USA\*

Generac generators and engines are engineered and built in the USA\*.

*\*Assembled in the USA using domestic and foreign parts.*



### TOUGH, DURABLE ALL-ALUMINUM ENCLOSURES

Our RhinoCoat™ powder-coated finish helps make corrosion-resistant aluminum perfect for all weather conditions.



### SMART, USER-FRIENDLY CONTROLS

Generac's Evolution™ Controller is visible and accessible without opening the generator enclosure. The Evolution Controller features a multilingual LCD display that allows users to monitor and track maintenance intervals to ensure your generator is always in top operating condition.



### QUIET-TEST™ SELF-TEST MODE

Runs at a lower, quieter RPM for a five or twelve minute test, to ensure the system is running properly while consuming less fuel. Quiet-Test Self-Test mode can be programmed to run weekly, bi-weekly, or monthly.



### 24/7/365 CUSTOMER SUPPORT TEAM

Standing by all day, every day from our headquarters in Wisconsin to answer any questions you might have.



## RAISING THE BAR FOR CODE-READY, DIESEL GENERATORS

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 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 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.

### IDEAL INDUSTRIES/APPLICATIONS:

- Convenience Stores & Gas Stations
- Small Outpatient & Dental Clinics
- School Offices & District Buildings
- Banks & Financial Institutions
- Manufacturing Industry & Distribution
- Restaurants & Bars
- Offices with Small Server Rooms
- Larger Homes or Homes with Guest Houses
- Green Houses
- Farms & Milking Parlors

# Automatic Standby Diesel Generator

SPECIFICATIONS (LP/NG)	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-Cyl.			
Output Amperage 120/240 V, 1ø 1.0 pf	62	83	125	200
Output Amperage 120/208 V, 3ø 0.8 pf	52	69	104	173
Output Amperage 120/240 V, 3ø 0.8 pf	45	60	90	150
Output Amperage 277/480 V, 3ø 0.8 pf	n/a		45	75
Fuel Consumption @ full load - gal/hr (L/hr)	1.46 (5.53)	1.97 (7.46)	2.77 (10.44)	4.02 (15.22)
Fuel Consumption @ 1/2 load - gal/hr (L/hr)	0.85 (3.22)	1.03 (3.90)	1.37 (5.19)	2.02 (7.66)
Quiet-Test Mode	Yes			
db(A) at Exercise	65			
db(A) Normal Operating Load	70			
Mobile Link Connectivity	Included			
Automatic Transfer Switch	Not Included			
Enclosure	Aluminum			
Enclosure Color	Bisque			
Warranty	5 Year Limited			
Dimensions (L" x W" x H")	81 x 31 x 50		95 x 35 x 57	
Weight (lbs.) Standard Tank	1528		1857	2197
Weight (lbs.) Long Run Time Tank	1757		2070	n/a

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