

GUARDIAN® SERIES
AUTOMATIC STANDBY GENERATOR

8-22 kW



Choose the #1 Selling Home Standby Generator Brand

Generac's Guardian® Series provides the automatic backup power you need to protect your home and family during a power outage. Connected to your existing LP or natural gas fuel supply, it kicks in within seconds of determining power loss—automatically—and runs for as long as necessary until utility power returns. Choose from just enough power to cover essential circuits, or all the way up to 22 kW for the most power per kilowatt and whole-house coverage.

Control your power. Control your life.™

GUARDIAN SERIES FEATURES:



OHVI® ENGINE

Your Guardian Series generator might have to get you through days—or weeks—without utility power. Generac's OHVI® engine, specifically designed for generator use, provides the reliability to power through the most severe outages. Engineered and built in the USA.*



TRUEPOWER™ TECHNOLOGY

Delivers best-in-class power quality with less than 5% total harmonic distortion for clean, smooth operation of sensitive electronics and appliances.



EVOLUTION™ CONTROLLER

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



FUEL OPTIONS WITH TOOL-LESS CONVERSION

Runs on natural gas and LP fuel, easily converts during installation without the need for tools.



MOBILE LINK™ CELLULAR REMOTE MONITORING

Mobile Link cellular remote monitoring system from Generac lets you check on your generator's status even when you are away using your computer, tablet or smartphone. Downloadable app available. Sold separately.

*Built in the USA using domestic and foreign parts.

8-22 KILOWATTS

ADDITIONAL FEATURES:



RHINOCOAT

Our durable Rhino coat powder-coat finish helps make sturdy aluminum and, galvanized steel enclosures perfect for all weather conditions. Able to withstand 150 mph winds.



QUIET-TEST™ SELF-TEST MODE

All standby generators run a weekly test to ensure the system is running properly. Thanks to Quiet-Test, your Guardian Series home standby generator runs its self-test at a lower, quieter RPM than standard operation, and can be programmed to run weekly, bi-weekly, or monthly.



POWER MANAGEMENT SYSTEM

Intelligently manages household loads for a more affordable standby solution by using our smart management module.



CONVENIENT INSTALLATION

Can be installed only 18" from the home, if located away from doors, windows, and fresh air intakes, unless otherwise directed by local codes.



- 5 year limited warranty
- External "at-a-glance" indicator lights offer an easy way to see generator status without opening the generator enclosure
- Easy installation and an excellent value when purchased pre-packaged with a pre-wired transfer switch (8-16 kW).
- Utilize the benefits of power management by pairing the generator with a Smart Transfer Switch for whole-house or managed power coverage.

SPECIFICATIONS

	8/7 kW	11/10 kW	16/16 kW	20/18 kW	22/19.5 kW
Generator Only Model#	6245	6439/6720 Steel/Aluminum*	6459/6721 Steel/Aluminum*	6730	6552
Generator / Pre-wired Switch Package Model#	6237 50 Amp Switch	6437 50 Amp Switch	6461 100 Amp Switch	n/a	n/a
Generator / 200 Amp Service Rated Load Shedding Smart Switch Package Model#	n/a	6438	6462	6729	6551
Voltage (Single Phase)	240V				
Amps @ 240V LPG	33.3	45.8	66.6	83.3	91.6
Amps @ 240V NG	29.2	41.7	66.6	75	81.25
Engine/Alternator RPM	3600 / 3600				
Engine	OHVI / 410cc	OHVI / 530cc	OHVI / 992cc	OHVI / 999cc	OHVI / 999cc
Fuel Consumption @ 1/2 Load - NG cu. ft/hr	78	124	193	205	184
Fuel Consumption @ Full Load - NG cu. ft/hr	121	195	312	308	281
Fuel Consumption @ 1/2 Load - LPG cu. ft/hr (gal/hr)	31.6 (0.87)	42.8 (1.18)	72.4 (1.99)	75.6 (2.08)	78.5 (2.16)
Fuel Consumption @ Full Load - LPG cu. ft/hr (gal/hr)	51.6 (1.42)	70 (1.92)	130 (3.57)	140 (3.85)	133.8 (3.68)
Quiet-Test Mode	No		Yes		
db(A) at Exercise	62	63	60		58
db(A) at Normal Operating Load	62	63	66		67
Enclosure	Steel	Steel or Aluminum	Steel or Aluminum	Steel	Aluminum; includes base fascia
Enclosure Color	Bisque	Bisque/Gray	Bisque/Gray	Bisque	Gray
Warranty	5-Year Limited				
Dimensions (L" x W" x H")	48 x 25 x 29				
Weight (lbs.) (Steel/Aluminum)	360	407/424	471/478	451	476

*Aluminum units available without transfer switch.

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.

GENERAC
PROMISE



* Built in the USA using domestic and foreign parts.

Bulletin 0193260SBY Printed USA REV. B 02-2015
©2015 Generac Power Systems, Inc. All Rights Reserved.
Specifications are subject to change without notice.

GENERAC

Generac Power Systems, Inc.
S45 W29290 Hwy. 59
Waukesha, WI 53189

generac.com 1-888-GENERAC (1-888-436-3722)