

# 15 kW GENERAC ECOGEN Automatic Standby Generator

**GENERAC**<sup>®</sup>

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Back Up Power For Off-Grid Applications

# 15 kW EcoGen

## AUTOMATIC STANDBY GENERATOR

### BACKUP POWER FOR ALTERNATIVE ENERGY SYSTEMS

Whether the off-grid lifestyle is a choice or a necessity, you are responsible for producing the energy you consume—even when there's no sun or wind. Ensure you never have dead batteries with the Generac EcoGen—the only automatic standby generator designed and with a warranty specifically for off-grid use with an alternative energy system.

#### How Does the Generac EcoGen Work?

In an alternative energy system, the generator is an important source of backup power when other resources are insufficient for the demand.

- Solar cells and/or wind turbines generate DC electric current.
- The DC current enters the inverter charger, and then the battery bank.
- The inverter takes DC power from the battery bank, converts it to AC electricity, and sends the AC power to your home's electrical panel.
- If the battery level drops to a preset point, perhaps because there is no solar or wind power available, the inverter automatically signals the Generac EcoGen generator to start up.
- The Generac EcoGen delivers AC power to the inverter, which simultaneously sends AC power to your home's electric panel and sends DC power to the battery bank until it is charged to an acceptable level.



# The Benefits of EcoGen

Exceptional Fuel Efficiency. Uncommonly Quiet Operation. Cleanest Power.

When living Off-Grid, you have to depend on the weather in order to produce enough usable power for your lifestyle. That means acquiring a secondary power source to keep your batteries charged and having regular maintenance checks to ensure proper functionality. The EcoGen home standby generator keeps your batteries charged while also requiring less maintenance. The EcoGen's Off-Grid capabilities increase service intervals due to extra oil reserve, improve long life starter, and engine valve durability. The Generac EcoGen also consumes less fuel when electricity demand is light, saving you money.

## Designed Specifically for Off-Grid Use

### Unprecedented Service Intervals

The Generac EcoGen's exclusive premium oil recovery and circulation system virtually halts oil degradation, and allows for 500 hours between oil changes—five times the industry standard.

### Two-Wire Start

Factory-equipped to easily connect to the inverter control wires so that the inverter can automatically start and stop the generator in order to charge the system batteries as necessary.

### Limited Warranty

Unlike conventional home standby generators used in an alternative energy system, the Generac EcoGen is backed by a 3-year/2000 hour limited warranty.



### Evolution™ 2.0 Controller

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



### Extended Operation Oil Reservoir

Provides additional oil capacity for extended oil life with fewer required maintenance intervals.



### Skewed Stator

Produces a smooth output wave form for compatibility with sensitive electronics.



7 out of every 10 homeowners choose Generac when investing in home backup power.

# 15 kW ECOGEN

## AUTOMATIC HOME STANDBY GENERATOR



### FEATURES



**3-Year 2000 Hour Limited Warranty** for automatic standby generators.



**True Power™ Technology** delivers best-in-class power quality with less than 5 percent total harmonic distortion for clean, smooth operation of sensitive electronics and appliances.



Generac generators and engines are **Engineered and Built in the USA\***

*\*Built in the USA using domestic and foreign parts*



**Generac's G-Force Engines** are purpose-built, pressure-lubricated engine capable of handling the rigors of generator use, resulting in power that's more reliable and requires less routine maintenance than any competitive engine.



**24/7 • 365 Customer Support Team** standing by all day, every day from our headquarters in Wisconsin to answer any questions you might have.



**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 features a multilingual LCD display that allows you to monitor battery status and track maintenance intervals to ensure your generator is always in top operating condition.

SPECIFICATIONS (LP/NG)	15/15 kW
Generator Only Model	7163
Generator / Prewired Switch Model	n/a
Generator / 200 Amp Service Rated Load Shedding Smart Switch Package Model #	n/a
Voltage (Single Phase)	240V
Rated Maximum Continuous Load Current - 240 Volts (LP/NG)	62.5 / 62.5
Engine/Alternator RPM	3600
Engine	Generac G-Force
Fuel Consumption @ 1/2 Load NG cu. ft/hr (m³/hr)	195 (5.52)
Fuel Consumption @ Full Load NG cu. ft/hr (m³/hr)	278 (7.87)
Fuel Consumption @ 1/2 Load LPG cu. ft/hr (gal/hr)	66.8 (1.84)
Fuel Consumption @ Full Load LPG cu. ft/hr (gal/hr)	100 (2.76)
Quiet-Test Mode	No
db(A) at Normal Operating Load	66
Enclosure	Aluminum
Enclosure Color	Bisque
Warranty	3-Year 2000 Hour Limited
Dimensions (L" x W" x H")	48 x 25 x 29
Weight (lbs.)	460

### 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](http://generac.com).

**GENERAC®**