

# 20 kW GENERAC SYNERGY Automatic Standby Generator

**GENERAC®**



Premium Whole-House Power



# 20 kW GENERAC SYNERGY

## PREMIUM WHOLE-HOUSE PROTECTION GETS SMARTER.

Protect your home with the industry's most advanced backup power technology. The Generac Synergy™ automatic home standby generator sets a new standard for quiet, efficient operation. Even better, it delivers cleaner power than competitive units — making it an ideal match for modern electronics and sensitive appliances.

Learn how our patented G-Flex technology redefines peace of mind, in more ways than one.

## CONTROL YOUR POWER. CONTROL YOUR LIFE.™

\* Total harmonic distortion (THD) less than 2.0%—lower than both IEEE standards for utility power and published numbers for competitive air-cooled home standby generators





# G-FLEX™ TECHNOLOGY

EXCEPTIONALLY EFFICIENT. UNCOMMONLY QUIET. UNIQUELY CLEAN.

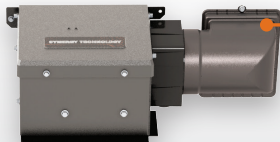
Where most home standby generators have to run at a constant speed, G-Flex Technology allows variable-speed operation based on your electrical demand. This means that your Generac Synergy home standby generator will run slower — and quieter — when you use less electricity. It consumes less fuel when demand is light, saving you money.

G-Flex Technology also delivers power with less than 2% total harmonic distortion (THD), even exceeding the standards for utility power — to properly power modern electronics and sensitive appliances. And during its weekly exercise, you'll hear only about as much sound as if you were riding in a luxury car.



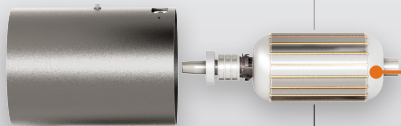
## EVOLUTION™ CONTROLLER

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



## AUTOMATIC VOLTAGE REGULATOR (AVR)

The brains behind the G-Flex technology, the AVR monitors electrical demand and reduces engine speed accordingly. It also keeps tabs on alternator output frequency at lower engine speeds. Then it electronically manipulates alternator output to achieve 60 Hz electrical power. In doing so, it produces exceptionally clean power—less than 2.0% THD.



## SPECIALIZED ALTERNATOR

The rotor has three windings instead of the normal two. They are electronically controlled by the AVR to ensure 60 Hz output, even at a lower speeds.



## RESONATOR

The unique resonator is specifically designed to improve sound quality and minimize overall sound levels. The result is a lower tone that, when combined with the generator's quieter operation, is more pleasing to the ear. During its weekly exercise, the Generac Synergy is about as quiet as riding in a luxury automobile.



# 20kW FEATURES



## OHVI® ENGINE

Your Generac Synergy 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.



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## MOBILE LINK™ CELLULAR REMOTE MONITORING

Check on your generator's status even when you are away with Mobile Link cellular remote monitoring. Use your computer, tablet, or smartphone. Downloadable app available for iOS® and Android™. Comes standard with Generac Synergy.



## 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.



## QUIET-TEST™ SELF-TEST MODE

G-Flex™ technology allows the Generac Synergy to run at a very low speed during its periodic exercise. You'll hear about as much sound as you would riding in a luxury car. Select weekly, bi-weekly or monthly for just 5 minutes.



## RHINOCOAT

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



## DPM TECHNOLOGY

Patented Generac Digital Power Management (DPM) technology allows for more coverage with a smaller generator through smart load management.



## FUEL OPTIONS WITH TOOL-LESS CONVERSION

The Generac Synergy runs on natural gas and LP fuel, and easily converts during installation without the need for tools.

† Built in the USA using domestic and foreign parts.

## SPECIFICATION

## 20/18 kW

|                                                                                                                                   |                |
|-----------------------------------------------------------------------------------------------------------------------------------|----------------|
| Generator / 200 Amp Service Rated Load Shedding Smart Switch Package Model # USA only. (Service entrance switch) (UL)             | 6055           |
| Generator / 200 Amp Service Non-Rated Load Shedding Smart Switch Package Model # Canada only. (Non-service entrance switch) (CUL) | 6098           |
| Voltage (Single Phase)                                                                                                            | 240V           |
| Amps @ 240V LPG                                                                                                                   | 83.3           |
| Amps @ 240V NG                                                                                                                    | 75             |
| Engine/Alternator RPM                                                                                                             | 2400 / 3600    |
| Engine                                                                                                                            | OHVI / 999cc   |
| Fuel Consumption @ 1/2 Load - NG cu. ft/hr                                                                                        | 174            |
| Fuel Consumption @ Full Load - NG cu. ft/hr                                                                                       | 285            |
| Fuel Consumption @ 1/2 Load - LPG cu. ft/hr (gal/hr)                                                                              | 59.7 (1.64)    |
| Fuel Consumption @ Full Load - LPG cu. ft/hr (gal/hr)                                                                             | 123.7 (3.4)    |
| Quiet-Test Mode                                                                                                                   | Yes            |
| db(A) at Exercise                                                                                                                 | 57             |
| db(A) at Normal Operating Load                                                                                                    | 63             |
| Enclosure                                                                                                                         | Aluminum       |
| Enclosure Color                                                                                                                   | Gray           |
| Warranty                                                                                                                          | 5-Year Limited |
| Dimensions (L" x W" x H")                                                                                                         | 48 x 25 x 29   |
| Weight (lbs.) (Steel/Aluminum)                                                                                                    | 451            |

## 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).

THE GENERAC  
PROMISE



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**GENERAC®**

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