

## 22-28 kW

## GENERAC AIR-COOLED STANDBY GENERATOR

### Residential/Commercial Standby Generator

1 of 7

#### INCLUDES:

- Cellular connectivity standard, with Wi-Fi™ and Bluetooth™ capabilities
- Electronic fuel and ignition control (EFIC)
- Hydraulic lifters
- Smart Exercise Technology
- True Power™ Electrical Technology
- Power Zone™ 200 Controller
- Oil level sensor
- 200 Amp service rated transfer switch in bundled models
- Electronic governor
- System status & maintenance interval LED indicators
- Sound attenuated enclosure
- Natural gas or LP gas operation
- ecobee by Generac Smart Thermostat included in select bundles
- 5 Year limited warranty, generator and transfer switch
- Listed and labeled by the Southwest Research Institute allowing installation as close as 18 in (457 mm) to a structure.\*

\*Must be located away from doors, windows, and fresh air intakes and in accordance with local codes.

#### STANDBY POWER RATING

G007260-0; G007325-0 (Aluminum-Metro Gray) - 22kW 60 Hz  
 G007261-0; G007326-0 (Aluminum-Metro Gray) - 24kW 60 Hz  
 G007327-0; G007328-0 (Aluminum-Metro Gray) - 26kW 60 Hz  
 G007282-0; G007329-0 (Aluminum-Metro Gray) - 28kW 60 Hz



**QUIET TEST™**

NOTE: CETL certification only applies to unbundled generator units. Units bundled with the transfer switch are ETL certified in the USA only.

## FEATURES

- **INNOVATIVE ENGINE DESIGN & RIGOROUS TESTING** are at the heart of Generac's success in providing the most reliable generators possible. Generac's G-Force engine lineup offers added peace of mind and reliability for when it's needed the most. The G-Force series engines are purpose built and designed to handle the rigors of extended run times in high temperatures and extreme operating conditions.
- **TRUE POWER™ ELECTRICAL TECHNOLOGY:** Superior harmonics and sine wave form produce less than 5% Total Harmonic Distortion for utility quality power. This allows confident operation of sensitive electronic equipment and micro-chip based appliances, such as variable speed HVAC systems.
- **TEST CRITERIA:**
  - ✓ **PROTOTYPE TESTED** ✓ **NEMA MG1-22 EVALUATION**
  - ✓ **SYSTEM TORSIONAL TESTED** ✓ **MOTOR STARTING ABILITY**
- **ecobee by Generac SMART THERMOSTAT:** This new energy manager for the home offers a seamless integration into the Generac ecosystem, managing the home's HVAC systems(s) and protecting the generator from potential overloads with precision. Leveraging Mobile Link, users may also view the status of the generator and the LP tank level (if applicable).
- **MOBILE LINK® CONNECTIVITY:** Standard with the Generac Air-Cooled Standby Generator home standby generators, Mobile Link Cellular allows users to monitor the status of their generator from anywhere using a smartphone, tablet, or PC. Easily access real-time operating status, maintenance alerts, and generator readiness. Users can also connect their account to an authorized service dealer for proactive support and streamlined service. With Mobile Link, users can see their generator is ready before the next power outage.
- **SOLID-STATE VOLTAGE REGULATION:** This state-of-the-art power maximizing regulation system is standard on all Generac models. It provides optimized FAST RESPONSE to changing load conditions and MAXIMUM MOTOR STARTING CAPABILITY by electronically torque-matching the surge loads to the engine. Digital voltage regulation at  $\pm 1\%$ .
- **SINGLE SOURCE SERVICE RESPONSE** from Generac's extensive dealer network provides parts and service know-how for the entire unit, from the engine to the smallest electronic component.
- **GENERAC TRANSFER SWITCHES:** Long life and reliability are synonymous with GENERAC POWER SYSTEMS. One reason for this confidence is that the GENERAC product line is offered with its own transfer systems and controls for total system compatibility.

THE GENERAC  
PROMISE



GENERAC  
**Mobile Link™**

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

## Features and Benefits

### Engine

- Electronic fuel and ignition control - EFIC  
Improves generator performance by automatically adjusting for the changing environment. Improves fuel efficiency and reduces emissions on average.
- Hydraulic lifters  
Automatically maintains optimal valve spacing. No more manually adjusting valves required.
- Generac G-Force design  
Maximizes engine "breathing" for increased fuel efficiency. Plateau honed cylinder walls and plasma moly rings help the engine run cooler, reducing oil consumption and supporting longer engine life.
- Cast iron cylinder walls  
Rigid construction and added durability help prolong engine life.
- Full pressure lubrication system  
Pressurized lubrication to all vital bearings facilitates better performance, less maintenance, and longer engine life. Featuring up to a 2 year/200 hour oil change interval.
- Low oil pressure shutdown system  
Shutdown protection helps to prevent catastrophic engine damage due to low oil.
- Oil level sensor  
Continuously monitors and reports engine oil levels.
- High temperature shutdown  
Helps prevent damage due to overheating.
- Electronic governor  
Maintains constant 60 Hz frequency.

### Generator

- Revolving field  
Allows for a smaller, light weight unit which operates 25% more efficiently than a revolving armature generator.
- Skewed stator  
Produces a smooth output waveform for compatibility with electronic equipment.
- Displaced phase excitation  
Maximizes motor starting capability.
- Automatic voltage regulation  
Regulating output voltage to  $\pm 1\%$  prevents damaging voltage spikes.
- UL 2200 listed  
For your safety.

### Power Zone Controls

- AUTO/MANUAL/OFF/SERVICE buttons with LED indicators  
Select the operating mode and provides easy, at-a-glance status indication in any condition.
- Sealed, raised buttons  
Smooth, weather-resistant user interface for programming and operations.
- External LED indicators  
Adjustable brightness LED indicators to communicate system status and maintenance intervals.
- Smart Exercise  
Allows the system to skip its scheduled exercise if the generator ran for more than 5 consecutive minutes within the 72 hours prior to a scheduled exercise event, allowing for fuel cost savings to the owner.
- Utility voltage sensing  
Constantly monitors utility voltage, with adjustable dropout (75-80%) and pickup (84-89%) of nominal voltage.
- Generator voltage sensing  
Constantly monitors generator voltage to verify the cleanest power delivered to the home.
- Utility interrupt delay  
Prevents nuisance start-ups of the engine, adjustable 2–1,500 seconds from the factory default setting of 10 seconds by a qualified dealer.
- Engine warm-up  
Verifies engine is ready to assume the load. Adjustable 0–60 seconds by a qualified dealer (factory default setting 5 seconds).
- Engine cool-down  
Allows engine to cool prior to shutdown. Adjustable 60–1,500 seconds by a qualified dealer (factory default setting 60 seconds).
- Programmable exercise  
Operates engine to prevent oil seal drying and damage between power outages by running the generator for 5 minutes every week. Also offers a selectable setting for weekly, bi-weekly, or monthly operation with an adjustable run time from 5 to 20 minutes, and an option for a low speed engine rpm, providing flexibility and potentially lower fuel costs to the owner.
- Smart battery charger  
Delivers charge to the battery only when needed at varying rates depending on outdoor air temperature. Compatible with AGM-style batteries.
- Generator emergency shutdown  
A recessed button on the outside of the enclosure for emergency personnel to use to perform an emergency shutdown of the generator.

### Unit

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| <ul style="list-style-type: none"> <li>● SAE weather protective enclosure</li> </ul> | Sound attenuated enclosure provides quiet operation and weather protection, withstanding winds up to 150 mph (241 km/h). Hinged key locking roof panel for security. Lift-out front for easy access to all routine maintenance items. Electrostatically applied textured epoxy paint for added durability. |
| <ul style="list-style-type: none"> <li>● Enclosed muffler</li> </ul>                 | Quiet muffler is mounted inside the unit.  |
| <ul style="list-style-type: none"> <li>● Small, compact, attractive</li> </ul>       | Makes for an easy, aesthetically pleasing installation, as close as 18 in (457 mm) away from a structure. Must be located away from doors, windows, and fresh air intakes and in accordance with local codes.  |
| <ul style="list-style-type: none"> <li>● Main line circuit breaker</li> </ul>        | Protects generator from overload.  |

### Installation System

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|--|---|
| <ul style="list-style-type: none"> <li>● 14 in (35.6 cm) flexible fuel line connector</li> </ul> | Listed ANSI Z21.75/CSA 6.27 outdoor appliance connector for the required connection to the gas supply piping. |
| <ul style="list-style-type: none"> <li>● Integral sediment trap</li> </ul>                       | Meets IFGC and NFPA 54 installation requirements.   |

### Connectivity

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|---|---|
| <ul style="list-style-type: none"> <li>● Generator status</li> </ul>                              | Monitor the generator with a smartphone, tablet, or computer at any time via the Mobile Link application for complete peace of mind.          |
| <ul style="list-style-type: none"> <li>● Exercise/Run and Total Hours</li> </ul>                  | Review the generator's complete protection profile for exercise hours and total hours.  |
| <ul style="list-style-type: none"> <li>● Maintenance information</li> </ul>                       | Provides maintenance information for the specific model generator when scheduled maintenance is due.  |
| <ul style="list-style-type: none"> <li>● Monthly report with previous month's activity</li> </ul> | Detailed monthly reports provide historical generator information.  |
| <ul style="list-style-type: none"> <li>● Battery information</li> </ul>                           | Built in battery diagnostics displaying current state of the battery.   |
| <ul style="list-style-type: none"> <li>● Weather information</li> </ul>                           | Provides detailed local ambient weather conditions for generator location.  |
| <ul style="list-style-type: none"> <li>● Configurable exercise and duration</li> </ul>            | Select Low Speed Exercise, Smart Exercise, or Transfer on Exercise options. Adjust generator to exercise for 5–20 minutes (5 minute default). |
| <ul style="list-style-type: none"> <li>● Installation and service application</li> </ul>          | Generator installers and service technicians must use the Field Pro mobile application when installing or servicing the generator.            |