

# GUARDIAN<sup>®</sup> SERIES Residential Standby Generators Air-Cooled Gas Engine

G007171-0, G007172-0 (Aluminum - Bisque) - 10 kW 60 Hz

Standby Power Rating

1 of 6

#### INCLUDES:

True Power<sup>™</sup> Electrical Technology

10/14/18 kW

- Two-line multilingual digital LCD Evolution <sup>™</sup> controller (English/Spanish/French/Portuguese)
- Two transfer switch options available: 100 amp 16 circuit switch or 200 amp service rated smart switch
- Electronic governor
- Standard Wi-Fi<sup>®</sup> connectivity
- System status & maintenance interval LED indicators
- Sound attenuated enclosure
- Flexible fuel line connector
- Natural gas or LP gas operation
- 5 Year limited warranty
- 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. https://assets.swri.org/library/DirectoryOfListedProducts/ ConstructionIndustry/973 DoC 204 13204-01-01 Rev9.pdf

### G007223-0, G007224-0, G007225-0 (Aluminum - Bisque) – 14 kW 60 Hz G007226-0, G007228-0 (Aluminum - Bisque) – 18 kW 60 Hz



Note: CETL or CUL certification only applies to unbundled units and units packaged with limited circuit switches. Units packaged with the Smart Switch are ETL or UL 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 you need it 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.
- O 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
  - SYSTEM TORSIONAL TESTED
- ✓ NEMA MG1-22 EVALUATION ED ✓ MOTOR STARTING ABILITY
- MOBILE LINK<sup>®</sup> WI-FI CONNECTIVITY: FREE with select Guardian Series home standby generators, Mobile Link Wi-Fi allows users to monitor the status of the generator from anywhere in the world using a smartphone, tablet, or PC. Easily access information such as the current operating status and maintenance alerts. Users can connect an account to an authorized service dealer for fast, friendly, and proactive service. With Mobile Link, users are taken care of before the next power outage.

- SOLID-STATE, FREQUENCY COMPENSATED 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 ± 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 the GENERAC product line is offered with its own transfer systems and controls for total system compatibility.



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# 10/14/18 kW

#### Engine

- Generac G-Force design
- "Spiny-lok" cast iron cylinder walls
- Electronic ignition/spark advance
- Full pressure lubrication system
- Low oil pressure shutdown system
- High temperature shutdown

#### Generator

- Revolving field
- Skewed stator
- Displaced phase excitation
- Automatic voltage regulation
- UL 2200 listed

#### Transfer Switch (if applicable)

- Fully automatic
- NEMA 3R
- Remote mounting

#### **Evolution™ Controls**

- AUTO/MANUAL/OFF illuminated buttons
- Two-line multilingual LCD
- Sealed, raised buttons
- Utility voltage sensing
- Generator voltage sensing
- Utility interrupt delay
- Engine warm-up
- Engine cool-down
- Programmable exercise
- Smart battery charger
- Main line circuit breaker
- Electronic governor

#### Unit

• SAE weather protective enclosure

Enclosed critical grade muffler

Small, compact, attractive

Can be installed inside or outside for maximum flexibility.

Transfers vital electrical loads to the energized source of power.

Mounts near an existing distribution panel for simple, low-cost installation.

Select the operating mode and provide easy, at-a-glance status indication in any condition.

Provides homeowners easily visible logs of history, maintenance, and events up to 50 occurrences.

Smooth, weather-resistant user interface for programming and operations.

Constantly monitors utility voltage, setpoints 65% dropout, 80% pick-up, of standard voltage.

Constantly monitors generator voltage to verify the cleanest power is delivered to the home.

Prevents nuisance startups of the engine, adjustable 2–1500 seconds from the factory default setting of 5 seconds by a qualified dealer.

Verifies engine is ready to assume the load. Setpoint approximately 5 seconds.

Allows engine to cool prior to shutdown. Setpoint approximately 1 minute.

Operates engine to prevent oil seal drying and damage between power outages by running the generator for 5 minutes every other week. Offers a selectable setting for weekly or monthly operation, providing flexibility and potentially lower fuel costs to the owner.

Delivers charge to the battery only when needed at varying rates depending on outdoor air temperature. Compatible with lead acid and AGM-style batteries.

Protects generator from overload.

Maintains constant 60 Hz frequency.

Sound attenuated enclosures ensure quiet operation and protection against mother nature, 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.

Quiet, critical grade muffler is mounted inside the unit to prevent injuries.

Makes for an easy, eye appealing installation, as close as 18 in (457 mm) away from a structure.

# **Features and Benefits**

GENERAG

Allows for a smaller, light weight unit that operates 25% more efficiently than a revolving armature generator. Produces a smooth output waveform for compatibility with electronic equipment.

Maximizes engine "breathing" for increased fuel efficiency. Plateau honed cylinder walls and plasma moly

Pressurized lubrication to all vital bearings means better performance, less maintenance, and longer

rings help the engine run cooler, reducing oil consumption and resulting in longer engine life.

Maximizes motor starting capability.

Prevents damage due to overheating.

Regulating output voltage to  $\pm 1\%$  prevents damaging voltage spikes.

Rigid construction and added durability provide long engine life.

These features combine to assure smooth, quick starting every time.

engine life. Now featuring up to a 2 year/200 hour oil change interval.

Shutdown protection prevents catastrophic engine damage due to low oil.

For your safety.

# GENERAC

**Features and Benefits** 

## 10/14/18 kW

#### **Installation System**

- 14 in (35.6 cm) flexible fuel line connector
- Integral sediment trap

#### Connectivity

- Ability to view generator status
- Ability to view generator Exercise/Run and Total Hours
- Ability to view generator maintenance information
- Monthly report with previous month's activity
- Ability to view generator battery information
- Weather information

Listed ANSI Z21.75/CSA 6.27 outdoor appliance connector for the required connection to the gas supply piping.

- Meets IFGC and NFPA 54 installation requirements.
- Monitor your generator with a smartphone, tablet, or computer at any time via the Mobile Link application for complete peace of mind.
- Review the generator's complete protection profile for exercise hours and total hours.
- Provides maintenance information for your specific model generator when scheduled maintenance is due.
- Detailed monthly reports provide historical generator information.
- Built in battery diagnostics displaying current state of the battery.
- Provides detailed local ambient weather conditions for generator location.

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# 10/14/18 kW

# GENERAC

## **Specifications**

| Aodel   | 0007171 0 0007170 0   | 0007000 0 0007004 0   | 0007006 0 000700  |
|---|---|---|---|
|   | G007171-0, G007172-0  | G007223-0, G007224-0,   | G007226-0, G00722   |
|   | (10 kW)   | G007225-0 (14 kW)   | (18 kW)   |
| Rated maximum continuous power capacity (LP)  | 10,000 Watts*   | 14,000 Watts*   | 18,000 Watts*   |
| ated maximum continuous power capacity (NG)   | 9,000 Watts*  | 14,000 Watts*   | 17,000 Watts*   |
| ated voltage  |   | 240   |   |
| tated maximum continuous load current – 240 volts (LP/NG)   | 41.7 / 37.5   | 58.3 / 58.3   | 75.0 / 70.8   |
| otal Harmonic Distortion  |   | Less than 5%  |   |
| Aain line circuit breaker   | 45 Amp  | 60 Amp  | 80 Amp  |
| hase  |   | 1   |   |
| lumber of rotor poles   |   | 2   |   |
| lated AC frequency  |   | 60 Hz   |   |
| 'ower factor  |   | 1.0   |   |
| lattery requirement (not included)  | 12 Volts Group 26B F  | 40 CCA Minimum or Group 35AGI   | V 650 CCA Minimum   |
| Init weight (Ib/kg)   | 338/153   | 385/175   | 420/191   |
| 5 ( ·   |   | 48 x 25 x 29 / 121.9 x 63.5 x 73.7  | 420/191   |
| imensions (L x W x H) in / cm   |   |   | 05  |
| ound output in dB(A) at 23 ft (7 m) with generator operating at normal load**   | 61  | 65  | 65  |
| ound output in dB(A) at 23 ft (7 m) with generator in Quiet-Test™ low-speed exercise mode**   | 57  | 55  | 55  |
| xercise duration  |   | 5 min   |   |
| Engine  |   |   |   |
| ingine type   | GENERAC G-Force 400 Series  | GENERAC G-E   | orce 800 Series   |
| lumber of cylinders   | 1   |   | 2   |
| ,   | 460 cc  |   | 2<br>5 cc   |
| Visidae klaat   | 400 00  |   | 1.00  |
| ylinder block   |   | Aluminum w/ cast iron sleeve  |   |
| alve arrangement  |   | Overhead valve  |   |
| ifter type  | Solid   | Hydr  | aulic   |
| gnition system  |   | Solid-state w/ magneto  |   |
| Governor system   |   | Electronic  |   |
| Compression ratio   |   | 9.5:1   |   |
| Starter   |   | 12 VDC  |   |
| Dil capacity including filter   | Approx. 1.1 qt / 1.0 L  | Approx. 2.1   | 2 at / 2 1 l  |
| Derating rpm  | Approx. III dt/ IIe 2   | 3.600   | - 417 - 11 -  |
|   |   | 5,000   |   |
| uel consumption<br>Iatural Gas ft³/hr (m³/hr)   |   |   |   |
| 1/2 Load  | 101 (2.86)  | 195 (5.52)  | 169 (4.79)  |
| Full Load   | 127 (3.60)  | 256 (7.25)  | 247 (6.99)  |
|   | · · · ·   | · · ·   | . ,   |
| iquid Propane ft <sup>3</sup> /hr (gal/hr) [L/hr]   |   |   |   |
| iquid Propane ft <sup>3</sup> /hr (gal/hr) [L/hr]<br>1/2 Load   | 36 (0.97) [3.66]  | 65 (1.81) [6.87]  | 62 (1.70) [6.45]  |
|   | 36 (0.97) [3.66]<br>54 (1.48) [5.62]  | 65 (1.81) [6.87]<br>112 (3.07) [11.61]  | 62 (1.70) [6.45]<br>110 (3.02) [11.44]  |
| 1/2 Load  | 54 (1.48) [5.62]  | 112 (3.07) [11.61]  | 110 (3.02) [11.44]  |
| 1/2 Load<br>Full Load<br>Iote: Fuel pipe must be sized for full load. Required fuel pressure to generator fuel inlet at all loa   | 54 (1.48) [5.62]<br>ad ranges - 3.5–7.0 in water column (0.8  | 112 (3.07) [11.61]<br>37–1.74 kPa) for NG, 10–12 in wat   | 110 (3.02) [11.44]  |
| 1/2 Load<br>Full Load<br>Iote: Fuel pipe must be sized for full load. Required fuel pressure to generator fuel inlet at all loa<br>as. For BTU content, multiply ft <sup>3</sup> /hr x 2,500 (LP) or ft <sup>3</sup> /hr x 1,000 (NG). For Megajoule content, mul   | 54 (1.48) [5.62]<br>ad ranges - 3.5–7.0 in water column (0.8  | 112 (3.07) [11.61]<br>37–1.74 kPa) for NG, 10–12 in wat   | 110 (3.02) [11.44]  |
| 1/2 Load<br>Full Load<br>Iote: Fuel pipe must be sized for full load. Required fuel pressure to generator fuel inlet at all loa<br>as. For BTU content, multiply ft <sup>3</sup> /hr x 2,500 (LP) or ft <sup>3</sup> /hr x 1,000 (NG). For Megajoule content, mul<br>Controls   | 54 (1.48) [5.62]<br>ad ranges - 3.5–7.0 in water column (0.6<br>tiply m³/hr x 93.15 (LP) or m³/hr x 37.26   | 112 (3.07) [11.61]<br>87–1.74 kPa) for NG, 10–12 in wat<br>5 (NG).  | 110 (3.02) [11.44]<br>er column (2.49–2.99 kPa)   |
| 1/2 Load<br>Full Load<br>lote: <b>Fuel pipe must be sized for full load.</b> Required fuel pressure to generator fuel inlet at all loa<br>as. For BTU content, multiply ft <sup>3</sup> /hr x 2,500 (LP) or ft <sup>3</sup> /hr x 1,000 (NG). For Megajoule content, mul<br><b>Controls</b><br>wo-line plain text multilingual LCD  | 54 (1.48) [5.62]<br>ad ranges - 3.5–7.0 in water column (0.6<br>tiply m³/hr x 93.15 (LP) or m³/hr x 37.26<br>Simı   | 112 (3.07) [11.61]<br>37–1.74 kPa) for NG, 10–12 in wat<br>5 (NG).<br>Dle user interface for ease of operat   | 110 (3.02) [11.44]<br>er column (2.49–2.99 kPa)<br>ion.   |
| 1/2 Load<br>Full Load<br>lote: <b>Fuel pipe must be sized for full load.</b> Required fuel pressure to generator fuel inlet at all loa<br>as. For BTU content, multiply ft <sup>3</sup> /hr x 2,500 (LP) or ft <sup>3</sup> /hr x 1,000 (NG). For Megajoule content, mul<br><b>Controls</b><br>wo-line plain text multilingual LCD<br><i>N</i> ode buttons: AUTO  | 54 (1.48) [5.62]<br>ad ranges - 3.5–7.0 in water column (0.6<br>tiply m³/hr x 93.15 (LP) or m³/hr x 37.26<br>Simp<br>Automatic start on utility   | 112 (3.07) [11.61]<br>37–1.74 kPa) for NG, 10–12 in wat<br>5 (NG).<br>Die user interface for ease of operat<br>failure. Weekly, Bi-Weekly, or Mon   | 110 (3.02) [11.44]<br>er column (2.49–2.99 kPa)<br>ion.<br>thly selectable exerciser.   |
| 1/2 Load<br>Full Load<br>Note: Fuel pipe must be sized for full load. Required fuel pressure to generator fuel inlet at all load<br>ras. For BTU content, multiply ft <sup>3</sup> /hr x 2,500 (LP) or ft <sup>3</sup> /hr x 1,000 (NG). For Megajoule content, multiply<br>Controls<br>Woo-line plain text multilingual LCD<br>Mode buttons: AUTO<br>MANUAL  | 54 (1.48) [5.62]<br>ad ranges - 3.5–7.0 in water column (0.6<br>tiply m³/hr x 93.15 (LP) or m³/hr x 37.26<br>Simµ<br>Automatic start on utility<br>Start with starter contro                                  | 112 (3.07) [11.61]<br>37–1.74 kPa) for NG, 10–12 in wat<br>5 (NG).<br>Dle user interface for ease of operal<br>failure. Weekly, Bi-Weekly, or Mon<br>II, unit stays on. If utility fails, trans   | 110 (3.02) [11.44]<br>er column (2.49–2.99 kPa)<br>iion.<br>thly selectable exerciser.<br>fer to load takes place.                            |
| 1/2 Load<br>Full Load<br>Note: Fuel pipe must be sized for full load. Required fuel pressure to generator fuel inlet at all load<br>as. For BTU content, multiply ft <sup>3</sup> /hr x 2,500 (LP) or ft <sup>3</sup> /hr x 1,000 (NG). For Megajoule content, multiply<br>Controls<br>wo-line plain text multilingual LCD<br>Mode buttons: AUTO<br>MANUAL<br>OFF   | 54 (1.48) [5.62]<br>ad ranges - 3.5–7.0 in water column (0.6<br>tiply m³/hr x 93.15 (LP) or m³/hr x 37.26<br>Simµ<br>Automatic start on utility<br>Start with starter contro                                  | 112 (3.07) [11.61]<br>37–1.74 kPa) for NG, 10–12 in wat<br>5 (NG).<br>ble user interface for ease of operal<br>failure. Weekly, Bi-Weekly, or Mon<br>I, unit stays on. If utility fails, trans<br>wer is removed. Control and charge  | 110 (3.02) [11.44]<br>er column (2.49–2.99 kPa)<br>iion.<br>thly selectable exerciser.<br>fer to load takes place.                            |
| 1/2 Load<br>Full Load<br>Note: Fuel pipe must be sized for full load. Required fuel pressure to generator fuel inlet at all load<br>as. For BTU content, multiply ft <sup>3</sup> /hr x 2,500 (LP) or ft <sup>3</sup> /hr x 1,000 (NG). For Megajoule content, multiply<br>Controls<br>wo-line plain text multilingual LCD<br>Mode buttons: AUTO<br>MANUAL<br>OFF   | 54 (1.48) [5.62]<br>ad ranges - 3.5–7.0 in water column (0.6<br>tiply m³/hr x 93.15 (LP) or m³/hr x 37.26<br>Simµ<br>Automatic start on utility<br>Start with starter contro                                  | 112 (3.07) [11.61]<br>37–1.74 kPa) for NG, 10–12 in wat<br>5 (NG).<br>Dle user interface for ease of operal<br>failure. Weekly, Bi-Weekly, or Mon<br>II, unit stays on. If utility fails, trans   | 110 (3.02) [11.44]<br>er column (2.49–2.99 kPa)<br>iion.<br>thly selectable exerciser.<br>fer to load takes place.                            |
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| 1/2 Load<br>Full Load<br>Note: <b>Fuel pipe must be sized for full load.</b> Required fuel pressure to generator fuel inlet at all loa<br>tas. For BTU content, multiply ft <sup>3</sup> /hr x 2,500 (LP) or ft <sup>3</sup> /hr x 1,000 (NG). For Megajoule content, multiply to the plain text multilingual LCD<br>Node buttons: AUTO<br>MANUAL<br>OFF<br>Ready to Run/Maintenance messages<br>ingine run hours indication  | 54 (1.48) [5.62]<br>ad ranges - 3.5–7.0 in water column (0.6<br>tiply m³/hr x 93.15 (LP) or m³/hr x 37.26<br>Simp<br>Automatic start on utility<br>Start with starter contro<br>Stops unit. Pov               | 112 (3.07) [11.61]<br>37–1.74 kPa) for NG, 10–12 in wat<br>5 (NG).<br>ble user interface for ease of operat<br>failure. Weekly, Bi-Weekly, or Mon<br>I, unit stays on. If utility fails, trans<br>wer is removed. Control and charge<br>Standard<br>Standard  | 110 (3.02) [11.44]<br>er column (2.49–2.99 kPa)<br>tion.<br>thly selectable exerciser.<br>fer to load takes place.<br>er still operate.       |
| 1/2 Load<br>Full Load<br>Note: <b>Fuel pipe must be sized for full load.</b> Required fuel pressure to generator fuel inlet at all loa<br>gas. For BTU content, multiply ft <sup>3</sup> /hr x 2,500 (LP) or ft <sup>3</sup> /hr x 1,000 (NG). For Megajoule content, multiply<br><b>Controls</b><br>wo-line plain text multilingual LCD<br>Mode buttons: AUTO<br>MANUAL<br>OFF<br>Ready to Run/Maintenance messages<br>ingine run hours indication<br>Programmable start delay between 2–1500 seconds  | 54 (1.48) [5.62]<br>ad ranges - 3.5–7.0 in water column (0.6<br>tiply m³/hr x 93.15 (LP) or m³/hr x 37.26<br>Simp<br>Automatic start on utility<br>Start with starter contro<br>Stops unit. Pov               | 112 (3.07) [11.61]<br>37–1.74 kPa) for NG, 10–12 in wat<br>5 (NG).<br>ble user interface for ease of operal<br>failure. Weekly, Bi-Weekly, or Mon<br>II, unit stays on. If utility fails, trans<br>wer is removed. Control and charge<br>Standard<br>Standard<br>ndard (programmable by dealer on   | 110 (3.02) [11.44]<br>er column (2.49–2.99 kPa)<br>tion.<br>thly selectable exerciser.<br>fer to load takes place.<br>er still operate.       |
| 1/2 Load   Full Load   Note: Fuel pipe must be sized for full load. Required fuel pressure to generator fuel inlet at all load (LP) or ft <sup>3</sup> /hr x 1,000 (NG). For Megajoule content, multiply ft <sup>3</sup> /hr x 2,500 (LP) or ft <sup>3</sup> /hr x 1,000 (NG). For Megajoule content, multiply end to the standard (LP) or ft <sup>3</sup> /hr x 1,000 (NG). For Megajoule content, multiply ft <sup>3</sup> /hr x 2,500 (LP) or ft <sup>3</sup> /hr x 1,000 (NG). For Megajoule content, multiply end to the standard (NG). For Megajoule content, multiply ft <sup>3</sup> /hr x 2,500 (LP) or ft <sup>3</sup> /hr x 1,000 (NG). For Megajoule content, multiply ft <sup>3</sup> /hr x 2,500 (LP) or ft <sup>3</sup> /hr x 1,000 (NG). For Megajoule content, multiply ft <sup>3</sup> /hr x 1,000 (NG). For Megajoule content, multiply ft <sup>3</sup> /hr x 2,500 (LP) or ft <sup>3</sup> /hr x 1,000 (NG). For Megajoule content, multiply ft <sup>3</sup> /hr x 1,000 (NG). For Megajoule content, multiply ft <sup>3</sup> /hr x 2,500 (LP) or ft <sup>3</sup> /hr x 1,000 (NG). For Megajoule content, multiply ft <sup>3</sup> /hr x 2,500 (LP) or ft <sup>3</sup> /hr x 1,000 (NG). For Megajoule content, multiply ft <sup>3</sup> /hr x 2,500 (LP) or ft <sup>3</sup> /hr x 1,000 (NG). For Megajoule content, multiply ft <sup>3</sup> /hr x 2,500 (LP) or ft <sup>3</sup> /hr x 1,000 (NG). For Megajoule content, multiply ft <sup>3</sup> /hr x 2,500 (LP) or ft <sup>3</sup> /hr x 1,000 (NG). For Megajoule content, multiply ft <sup>3</sup> /hr x 1,000 (NG). For Megajoule content, multiply ft <sup>3</sup> /hr x 2,500 (LP) or ft <sup>3</sup> /hr x 1,000 (NG). For Megajoule content, multiply ft <sup>3</sup> /hr x 1,000 (NG). For Megajoule content, multiply ft <sup>3</sup> /hr x 1,000 (NG). For Megajoule content, multiply ft <sup>3</sup> /hr x 1,000 (NG). For Megajoule content, multiply ft <sup>3</sup> /hr x 1,000 (NG). For Megajoule content, multiply ft <sup>3</sup> /hr x 1,000 (NG). For Megajoule content, multiply ft <sup>3</sup> /hr x 1,000 (NG). For Megajoule content, multiply ft <sup>3</sup> /hr x 1,000 (NG). For Megajoule content, multiply ft <sup>3</sup> /hr x 1,000 (NG). For Megajoule content, multiply ft <sup>3</sup> /hr x 1,000 (NG). For Megajoule content, multiply ft <sup>3</sup> /hr x 1,000 (NG). For Megajoule content, multiply ft <sup>3</sup> /hr x 1,000 (NG). Fo | 54 (1.48) [5.62]<br>ad ranges - 3.5–7.0 in water column (0.6<br>tiply m³/hr x 93.15 (LP) or m³/hr x 37.26<br>Simp<br>Automatic start on utility<br>Start with starter contro<br>Stops unit. Pov               | 112 (3.07) [11.61]<br>37–1.74 kPa) for NG, 10–12 in wat<br>5 (NG).<br>ble user interface for ease of operal<br>failure. Weekly, Bi-Weekly, or Mon<br>II, unit stays on. If utility fails, trans<br>wer is removed. Control and charge<br>Standard<br>Standard<br>ndard (programmable by dealer on<br>From 140-171 V / 190-216 V   | 110 (3.02) [11.44]<br>er column (2.49–2.99 kPa)<br>tion.<br>thly selectable exerciser.<br>fer to load takes place.<br>er still operate.       |
| 1/2 Load<br>Full Load<br>Note: Fuel pipe must be sized for full load. Required fuel pressure to generator fuel inlet at all load<br>ias. For BTU content, multiply ft <sup>3</sup> /hr x 2,500 (LP) or ft <sup>3</sup> /hr x 1,000 (NG). For Megajoule content, multiply<br>Controls<br>Wo-line plain text multilingual LCD<br>Mode buttons: AUTO<br>MANUAL<br>OFF<br>Ready to Run/Maintenance messages<br>ingine run hours indication<br>Programmable start delay between 2–1500 seconds<br>Itility voltage loss/Return to utility adjustable (brownout setting)<br>future set capable exerciser/Exercise set error warning  | 54 (1.48) [5.62]<br>ad ranges - 3.5–7.0 in water column (0.6<br>tiply m³/hr x 93.15 (LP) or m³/hr x 37.26<br>Simp<br>Automatic start on utility<br>Start with starter contro<br>Stops unit. Pov               | 112 (3.07) [11.61]<br>37–1.74 kPa) for NG, 10–12 in wat<br>5 (NG).<br>ble user interface for ease of operal<br>failure. Weekly, Bi-Weekly, or Mon<br>II, unit stays on. If utility fails, trans<br>wer is removed. Control and charge<br>Standard<br>Standard<br>ndard (programmable by dealer on<br>From 140-171 V / 190-216 V<br>Standard   | 110 (3.02) [11.44]<br>er column (2.49–2.99 kPa)<br>tion.<br>thly selectable exerciser.<br>fer to load takes place.<br>er still operate.       |
| 1/2 Load<br>Full Load<br>Iote: Fuel pipe must be sized for full load. Required fuel pressure to generator fuel inlet at all load<br>as. For BTU content, multiply ft <sup>3</sup> /hr x 2,500 (LP) or ft <sup>3</sup> /hr x 1,000 (NG). For Megajoule content, multiply<br>Controls<br>wo-line plain text multilingual LCD<br>Mode buttons: AUTO<br>MANUAL<br>OFF<br>leady to Run/Maintenance messages<br>ingine run hours indication<br>trogrammable start delay between 2–1500 seconds<br>Itility voltage loss/Return to utility adjustable (brownout setting)<br>uture set capable exerciser/Exercise set error warning<br>tun/Alarm/Maintenance logs  | 54 (1.48) [5.62]<br>ad ranges - 3.5–7.0 in water column (0.6<br>tiply m³/hr x 93.15 (LP) or m³/hr x 37.26<br>Sim<br>Automatic start on utility<br>Start with starter contro<br>Stops unit. Pov<br>Sta         | 112 (3.07) [11.61]<br>37–1.74 kPa) for NG, 10–12 in wat<br>5 (NG).<br>Dle user interface for ease of operat<br>failure. Weekly, Bi-Weekly, or Mon<br>I, unit stays on. If utility fails, trans<br>wer is removed. Control and charge<br>Standard<br>Standard<br>ndard (programmable by dealer on<br>From 140-171 V / 190-216 V<br>Standard<br>50 events each  | 110 (3.02) [11.44]<br>er column (2.49–2.99 kPa)<br>tion.<br>thly selectable exerciser.<br>fer to load takes place.<br>er still operate.       |
| 1/2 Load<br>Full Load<br>Note: Fuel pipe must be sized for full load. Required fuel pressure to generator fuel inlet at all load<br>ias. For BTU content, multiply ft <sup>3</sup> /hr x 2,500 (LP) or ft <sup>3</sup> /hr x 1,000 (NG). For Megajoule content, multiply<br>Controls<br>iwo-line plain text multilingual LCD<br>Alode buttons: AUTO<br>MANUAL<br>OFF<br>Ready to Run/Maintenance messages<br>ingine run hours indication<br>rogrammable start delay between 2–1500 seconds<br>Jtility voltage loss/Return to utility adjustable (brownout setting)<br>iuture set capable exerciser/Exercise set error warning<br>Run/Alarm/Maintenance logs<br>ingine start sequence  | 54 (1.48) [5.62]<br>ad ranges - 3.5–7.0 in water column (0.6<br>tiply m³/hr x 93.15 (LP) or m³/hr x 37.26<br>Sim<br>Automatic start on utility<br>Start with starter contro<br>Stops unit. Pov<br>Stap<br>Sta | 112 (3.07) [11.61]<br>37–1.74 kPa) for NG, 10–12 in wat<br>5 (NG).<br>Dle user interface for ease of operat<br>failure. Weekly, Bi-Weekly, or Mon<br>I, unit stays on. If utility fails, trans<br>wer is removed. Control and charge<br>Standard<br>Standard<br>ndard (programmable by dealer on<br>From 140-171 V / 190-216 V<br>Standard<br>50 events each<br>16 sec on, 7 sec rest (90 sec max   | 110 (3.02) [11.44]<br>er column (2.49–2.99 kPa)<br>ion.<br>thly selectable exerciser.<br>fer to load takes place.<br>er still operate.<br>ly) |
| 1/2 Load<br>Full Load<br>Iote: Fuel pipe must be sized for full load. Required fuel pressure to generator fuel inlet at all loc<br>as. For BTU content, multiply ft <sup>3</sup> /hr x 2,500 (LP) or ft <sup>3</sup> /hr x 1,000 (NG). For Megajoule content, multiply<br>Controls<br>wo-line plain text multilingual LCD<br>MANUAL<br>OFF<br>eady to Run/Maintenance messages<br>ngine run hours indication<br>rogrammable start delay between 2–1500 seconds<br>titility voltage loss/Return to utility adjustable (brownout setting)<br>uture set capable exerciser/Exercise set error warning<br>un/Alarm/Maintenance logs<br>ngine start sequence<br>tarter lock-out   | 54 (1.48) [5.62]<br>ad ranges - 3.5–7.0 in water column (0.6<br>tiply m³/hr x 93.15 (LP) or m³/hr x 37.26<br>Sim<br>Automatic start on utility<br>Start with starter contro<br>Stops unit. Pov<br>Stap<br>Sta | 112 (3.07) [11.61]<br>37–1.74 kPa) for NG, 10–12 in wat<br>5 (NG).<br>The user interface for ease of operat<br>failure. Weekly, Bi-Weekly, or Mon<br>I, unit stays on. If utility fails, trans<br>wer is removed. Control and charge<br>Standard<br>Standard<br>ndard (programmable by dealer on<br>From 140-171 V / 190-216 V<br>Standard<br>50 events each<br>16 sec on, 7 sec rest (90 sec max<br>re-engage until 5 sec after engine   | 110 (3.02) [11.44]<br>er column (2.49–2.99 kPa)<br>ion.<br>thly selectable exerciser.<br>fer to load takes place.<br>er still operate.<br>ly) |
| 1/2 Load<br>Full Load<br>ote: Fuel pipe must be sized for full load. Required fuel pressure to generator fuel inlet at all loc<br>as. For BTU content, multiply ft <sup>3</sup> /hr x 2,500 (LP) or ft <sup>3</sup> /hr x 1,000 (NG). For Megajoule content, multiply<br>Controls<br>wo-line plain text multilingual LCD<br>tode buttons: AUTO<br>MANUAL<br>OFF<br>eady to Run/Maintenance messages<br>ngine run hours indication<br>rogrammable start delay between 2–1500 seconds<br>tility voltage loss/Return to utility adjustable (brownout setting)<br>uture set capable exerciser/Exercise set error warning<br>un/Alarm/Maintenance logs<br>ngine start sequence<br>tarter lock-out<br>mart Battery Charger  | 54 (1.48) [5.62]<br>ad ranges - 3.5–7.0 in water column (0.6<br>tiply m³/hr x 93.15 (LP) or m³/hr x 37.26<br>Sim<br>Automatic start on utility<br>Start with starter contro<br>Stops unit. Pov<br>Stap<br>Sta | 112 (3.07) [11.61]<br>37–1.74 kPa) for NG, 10–12 in wat<br>5 (NG).<br>all user interface for ease of operat<br>failure. Weekly, Bi-Weekly, or Mon<br>I, unit stays on. If utility fails, trans<br>wer is removed. Control and charge<br>Standard<br>Standard<br>ndard (programmable by dealer on<br>From 140-171 V / 190-216 V<br>Standard<br>50 events each<br>16 sec on, 7 sec rest (90 sec max<br>re-engage until 5 sec after engine<br>Standard   | 110 (3.02) [11.44]<br>er column (2.49–2.99 kPa)<br>ion.<br>thly selectable exerciser.<br>fer to load takes place.<br>er still operate.<br>ly) |
| 1/2 Load<br>Full Load<br>Full Load<br>Iote: Fuel pipe must be sized for full load. Required fuel pressure to generator fuel inlet at all loc<br>as. For BTU content, multiply ft <sup>3</sup> /hr x 2,500 (LP) or ft <sup>3</sup> /hr x 1,000 (NG). For Megajoule content, multiply<br>Controls<br>wo-line plain text multilingual LCD<br>Mode buttons: AUTO<br>MANUAL<br>OFF<br>leady to Run/Maintenance messages<br>ngine run hours indication<br>rrogrammable start delay between 2–1500 seconds<br>titility voltage loss/Return to utility adjustable (brownout setting)<br>uture set capable exerciser/Exercise set error warning<br>tun/Alarm/Maintenance logs<br>ingine start sequence<br>tarter lock-out<br>timart Battery Charger<br>Charger Fault/Missing AC Warning  | 54 (1.48) [5.62]<br>ad ranges - 3.5–7.0 in water column (0.6<br>tiply m³/hr x 93.15 (LP) or m³/hr x 37.26<br>Sim<br>Automatic start on utility<br>Start with starter contro<br>Stops unit. Pov<br>Stap<br>Sta | 112 (3.07) [11.61]<br>37–1.74 kPa) for NG, 10–12 in wat<br>5 (NG).<br>Sole user interface for ease of operat<br>failure. Weekly, Bi-Weekly, or Mon<br>I, unit stays on. If utility fails, trans<br>wer is removed. Control and charge<br>Standard<br>Standard<br>ndard (programmable by dealer on<br>From 140-171 V / 190-216 V<br>Standard<br>50 events each<br>16 sec on, 7 sec rest (90 sec max<br>re-engage until 5 sec after engine<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard  | 110 (3.02) [11.44]<br>er column (2.49–2.99 kPa)<br>ion.<br>thly selectable exerciser.<br>fer to load takes place.<br>er still operate.<br>ly) |
| 1/2 Load<br>Full Load<br>Full Load<br>Iote: Fuel pipe must be sized for full load. Required fuel pressure to generator fuel inlet at all loc<br>as. For BTU content, multiply ft <sup>3</sup> /hr x 2,500 (LP) or ft <sup>3</sup> /hr x 1,000 (NG). For Megajoule content, multiply<br>Controls<br>wo-line plain text multilingual LCD<br>Mode buttons: AUTO<br>MANUAL<br>OFF<br>leady to Run/Maintenance messages<br>ngine run hours indication<br>rogrammable start delay between 2–1500 seconds<br>Itility voltage loss/Return to utility adjustable (brownout setting)<br>uture set capable exerciser/Exercise set error warning<br>Itun/Alarm/Maintenance logs<br>ingine start sequence<br>itarter lock-out<br>imart Battery Charger   | 54 (1.48) [5.62]<br>ad ranges - 3.5–7.0 in water column (0.6<br>tiply m³/hr x 93.15 (LP) or m³/hr x 37.26<br>Sim<br>Automatic start on utility<br>Start with starter contro<br>Stops unit. Pov<br>Stap<br>Sta | 112 (3.07) [11.61]<br>37–1.74 kPa) for NG, 10–12 in wat<br>5 (NG).<br>all user interface for ease of operat<br>failure. Weekly, Bi-Weekly, or Mon<br>I, unit stays on. If utility fails, trans<br>wer is removed. Control and charge<br>Standard<br>Standard<br>ndard (programmable by dealer on<br>From 140-171 V / 190-216 V<br>Standard<br>50 events each<br>16 sec on, 7 sec rest (90 sec max<br>re-engage until 5 sec after engine<br>Standard   | 110 (3.02) [11.44]<br>er column (2.49–2.99 kPa)<br>ion.<br>thly selectable exerciser.<br>fer to load takes place.<br>er still operate.<br>ly) |
| 1/2 Load<br>Full Load<br>Full Load<br>lote: Fuel pipe must be sized for full load. Required fuel pressure to generator fuel inlet at all loc<br>as. For BTU content, multiply ft <sup>3</sup> /hr x 2,500 (LP) or ft <sup>3</sup> /hr x 1,000 (NG). For Megajoule content, multiply<br>Controls<br>wo-line plain text multilingual LCD<br>MANUAL<br>OFF<br>leady to Run/Maintenance messages<br>ngine run hours indication<br>rogrammable start delay between 2–1500 seconds<br>tility voltage loss/Return to utility adjustable (brownout setting)<br>uture set capable exerciser/Exercise set error warning<br>un/Alarm/Maintenance logs<br>ngine start sequence<br>tarter lock-out<br>mart Battery Charger<br>tharger Fault/Missing AC Warning<br>ow Battery/Battery Problem Protection and Battery Condition Indication   | 54 (1.48) [5.62]<br>ad ranges - 3.5–7.0 in water column (0.6<br>tiply m³/hr x 93.15 (LP) or m³/hr x 37.26<br>Sim<br>Automatic start on utility<br>Start with starter contro<br>Stops unit. Pov<br>Stap<br>Sta | 112 (3.07) [11.61]<br>37–1.74 kPa) for NG, 10–12 in wat<br>5 (NG).<br>Sole user interface for ease of operat<br>failure. Weekly, Bi-Weekly, or Mon<br>I, unit stays on. If utility fails, trans<br>wer is removed. Control and charge<br>Standard<br>Standard<br>ndard (programmable by dealer on<br>From 140-171 V / 190-216 V<br>Standard<br>50 events each<br>16 sec on, 7 sec rest (90 sec max<br>re-engage until 5 sec after engine<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard  | 110 (3.02) [11.44]<br>er column (2.49–2.99 kPa)<br>ion.<br>thly selectable exerciser.<br>fer to load takes place.<br>er still operate.<br>ly) |
| 1/2 Load<br>Full Load<br>Full Load<br>lote: Fuel pipe must be sized for full load. Required fuel pressure to generator fuel inlet at all loc<br>as. For BTU content, multiply ft <sup>3</sup> /hr x 2,500 (LP) or ft <sup>3</sup> /hr x 1,000 (NG). For Megajoule content, multiply<br>Controls<br>wo-line plain text multilingual LCD<br>Mode buttons: AUTO<br>MANUAL<br>OFF<br>eady to Run/Maintenance messages<br>ngine run hours indication<br>rogrammable start delay between 2–1500 seconds<br>tility voltage loss/Return to utility adjustable (brownout setting)<br>uture set capable exerciser/Exercise set error warning<br>un/Alarm/Maintenance logs<br>ngine start sequence<br>tarter lock-out<br>mart Battery Charger<br>tharger Fault/Missing AC Warning  | 54 (1.48) [5.62]<br>ad ranges - 3.5–7.0 in water column (0.6<br>tiply m³/hr x 93.15 (LP) or m³/hr x 37.26<br>Sim<br>Automatic start on utility<br>Start with starter contro<br>Stops unit. Pov<br>Stap<br>Sta | 112 (3.07) [11.61]<br>37–1.74 kPa) for NG, 10–12 in wat<br>5 (NG).<br>Sole user interface for ease of operat<br>failure. Weekly, Bi-Weekly, or Mon<br>I, unit stays on. If utility fails, trans<br>wer is removed. Control and charge<br>Standard<br>Standard<br>ndard (programmable by dealer on<br>From 140-171 V / 190-216 V<br>Standard<br>50 events each<br>16 sec on, 7 sec rest (90 sec max<br>re-engage until 5 sec after engine<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard  | 110 (3.02) [11.44]<br>er column (2.49–2.99 kPa)<br>ion.<br>thly selectable exerciser.<br>fer to load takes place.<br>er still operate.<br>ly) |
| 1/2 Load<br>Full Load<br>Idee: Fuel pipe must be sized for full load. Required fuel pressure to generator fuel inlet at all loa<br>as. For BTU content, multiply ft <sup>3</sup> /hr x 2,500 (LP) or ft <sup>3</sup> /hr x 1,000 (NG). For Megajoule content, multiply<br>Controls<br>wo-line plain text multilingual LCD<br>MANUAL<br>OFF<br>ready to Run/Maintenance messages<br>ngine run hours indication<br>rogrammable start delay between 2–1500 seconds<br>tility voltage loss/Return to utility adjustable (brownout setting)<br>uture set capable exerciser/Exercise set error warning<br>un/Alarm/Maintenance logs<br>ngine start sequence<br>tarter lock-out<br>mart Battery Charger<br>tharger Fault/Missing AC Warning<br>ow Battery/Battery Problem Protection and Battery Condition Indication<br>utomatic Voltage Regulation with Over and Under Voltage Protection<br>Inder-Frequency/Overload/Stepper Overcurrent Protection   | 54 (1.48) [5.62]<br>ad ranges - 3.5–7.0 in water column (0.6<br>tiply m³/hr x 93.15 (LP) or m³/hr x 37.26<br>Sim<br>Automatic start on utility<br>Start with starter contro<br>Stops unit. Pov<br>Stap<br>Sta | 112 (3.07) [11.61]<br>37–1.74 kPa) for NG, 10–12 in wat<br>5 (NG).<br>all user interface for ease of operat<br>failure. Weekly, Bi-Weekly, or Mon<br>I, unit stays on. If utility fails, trans<br>wer is removed. Control and charge<br>Standard<br>Standard<br>ndard (programmable by dealer on<br>From 140-171 V / 190-216 V<br>Standard<br>50 events each<br>16 sec on, 7 sec rest (90 sec max<br>re-engage until 5 sec after engine<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard   | 110 (3.02) [11.44]<br>er column (2.49–2.99 kPa<br>ion.<br>thly selectable exerciser.<br>fer to load takes place.<br>er still operate.<br>ly)  |
| 1/2 Load<br>Full Load<br>Full Load<br>lote: Fuel pipe must be sized for full load. Required fuel pressure to generator fuel inlet at all loa<br>as. For BTU content, multiply ft <sup>3</sup> /hr x 2,500 (LP) or ft <sup>3</sup> /hr x 1,000 (NG). For Megajoule content, multiply<br>Controls<br>wo-line plain text multilingual LCD<br>Mode buttons: AUTO<br>MANUAL<br>OFF<br>leady to Run/Maintenance messages<br>ngine run hours indication<br>rogrammable start delay between 2–1500 seconds<br>titilty voltage loss/Return to utility adjustable (brownout setting)<br>uture set capable exerciser/Exercise set error warning<br>un/Alarm/Maintenance logs<br>ngine start sequence<br>tarter lock-out<br>mart Battery Charger<br>tharger Fault/Missing AC Warning<br>ow Battery/Battery Problem Protection and Battery Condition Indication<br>utomatic Voltage Regulation with Over and Under Voltage Protection<br>Inder-Frequency/Overload/Stepper Overcurrent Protection<br>afety Fused/Fuse Problem Protection  | 54 (1.48) [5.62]<br>ad ranges - 3.5–7.0 in water column (0.6<br>tiply m³/hr x 93.15 (LP) or m³/hr x 37.26<br>Sim<br>Automatic start on utility<br>Start with starter contro<br>Stops unit. Pov<br>Stap<br>Sta | 112 (3.07) [11.61]<br>37–1.74 kPa) for NG, 10–12 in wat<br>5 (NG).<br>all user interface for ease of operat<br>failure. Weekly, Bi-Weekly, or Mon<br>I, unit stays on. If utility fails, trans<br>wer is removed. Control and charge<br>Standard<br>Standard<br>andard (programmable by dealer on<br>From 140-171 V / 190-216 V<br>Standard<br>50 events each<br>16 sec on, 7 sec rest (90 sec max<br>re-engage until 5 sec after engine<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard  | 110 (3.02) [11.44]<br>er column (2.49–2.99 kPa)<br>ion.<br>thly selectable exerciser.<br>fer to load takes place.<br>er still operate.<br>ly) |
| 1/2 Load<br>Full Load<br>Full Load<br>lote: Fuel pipe must be sized for full load. Required fuel pressure to generator fuel inlet at all loa<br>as. For BTU content, multiply ft <sup>3</sup> /hr x 2,500 (LP) or ft <sup>3</sup> /hr x 1,000 (NG). For Megajoule content, multiply<br>Controls<br>wo-line plain text multilingual LCD<br>Mode buttons: AUTO<br>MANUAL<br>OFF<br>leady to Run/Maintenance messages<br>ngine run hours indication<br>rogrammable start delay between 2–1500 seconds<br>titility voltage loss/Return to utility adjustable (brownout setting)<br>uture set capable exerciser/Exercise set error warning<br>un/Alarm/Maintenance logs<br>ngine start sequence<br>tarter lock-out<br>mart Battery Charger<br>tharger Fault/Missing AC Warning<br>ow Battery/Battery Problem Protection and Battery Condition Indication<br>utomatic Voltage Regulation with Over and Under Voltage Protection<br>Inder-Frequency/Overload/Stepper Overcurrent Protection<br>afety Fused/Fuse Problem Protection<br>utomatic Low Oil Pressure/High Oil Temperature Shutdown  | 54 (1.48) [5.62]<br>ad ranges - 3.5–7.0 in water column (0.6<br>tiply m³/hr x 93.15 (LP) or m³/hr x 37.26<br>Sim<br>Automatic start on utility<br>Start with starter contro<br>Stops unit. Pov<br>Stap<br>Sta | 112 (3.07) [11.61]<br>37–1.74 kPa) for NG, 10–12 in wat<br>5 (NG).<br>all user interface for ease of operat<br>failure. Weekly, Bi-Weekly, or Mon<br>I, unit stays on. If utility fails, trans<br>wer is removed. Control and charge<br>Standard<br>Standard<br>ndard (programmable by dealer on<br>From 140-171 V / 190-216 V<br>Standard<br>50 events each<br>16 sec on, 7 sec rest (90 sec max<br>re-engage until 5 sec after engine<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard   | 110 (3.02) [11.44]<br>er column (2.49–2.99 kPa)<br>ion.<br>thly selectable exerciser.<br>fer to load takes place.<br>er still operate.<br>ly) |
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| 1/2 Load<br>Full Load<br>Full Load<br>Idee: Fuel pipe must be sized for full load. Required fuel pressure to generator fuel inlet at all load<br>as. For BTU content, multiply ft <sup>3</sup> /hr x 2,500 (LP) or ft <sup>3</sup> /hr x 1,000 (NG). For Megajoule content, multiply<br>Controls<br>wo-line plain text multilingual LCD<br>Mode buttons: AUTO<br>MANUAL<br>OFF<br>eady to Run/Maintenance messages<br>ngine run hours indication<br>rogrammable start delay between 2–1500 seconds<br>tility voltage loss/Return to utility adjustable (brownout setting)<br>uture set capable exerciser/Exercise set error warning<br>un/Alarm/Maintenance logs<br>ngine start sequence<br>tarter lock-out<br>mart Battery Charger<br>sharger Fault/Missing AC Warning<br>ow Battery/Battery Problem Protection and Battery Condition Indication<br>utomatic Voltage Regulation with Over and Under Voltage Protection<br>Inder-Frequency/Overload/Stepper Overcurrent Protection<br>afety Fused/Fuse Problem Protection<br>utomatic Low Oil Pressure/High Oil Temperature Shutdown<br>vercrank/Overspeed (@ 72 Hz)/rpm Sense Loss Shutdown<br>ligh Engine Temperature Shutdown  | 54 (1.48) [5.62]<br>ad ranges - 3.5–7.0 in water column (0.6<br>tiply m³/hr x 93.15 (LP) or m³/hr x 37.26<br>Sim<br>Automatic start on utility<br>Start with starter contro<br>Stops unit. Pov<br>Stap<br>Sta | 112 (3.07) [11.61]<br>37–1.74 kPa) for NG, 10–12 in wat<br>5 (NG).<br>20le user interface for ease of operat<br>failure. Weekly, Bi-Weekly, or Mon<br>I, unit stays on. If utility fails, trans<br>wer is removed. Control and charge<br>Standard<br>Standard<br>ndard (programmable by dealer on<br>From 140-171 V / 190-216 V<br>Standard<br>50 events each<br>16 sec on, 7 sec rest (90 sec max<br>re-engage until 5 sec after engine<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard  | 110 (3.02) [11.44]<br>er column (2.49–2.99 kPa<br>ion.<br>thly selectable exerciser.<br>fer to load takes place.<br>er still operate.<br>ly)  |
| 1/2 Load<br>Full Load<br>Full Load<br>Idee: Fuel pipe must be sized for full load. Required fuel pressure to generator fuel inlet at all load<br>as. For BTU content, multiply ft <sup>3</sup> /hr x 2,500 (LP) or ft <sup>3</sup> /hr x 1,000 (NG). For Megajoule content, multiply<br>Controls<br>wo-line plain text multilingual LCD<br>Mode buttons: AUTO<br>MANUAL<br>OFF<br>eady to Run/Maintenance messages<br>ngine run hours indication<br>rogrammable start delay between 2–1500 seconds<br>tility voltage loss/Return to utility adjustable (brownout setting)<br>uture set capable exerciser/Exercise set error warning<br>un/Alarm/Maintenance logs<br>ngine start sequence<br>tarter lock-out<br>mart Battery Charger<br>sharger Fault/Missing AC Warning<br>ow Battery/Battery Problem Protection and Battery Condition Indication<br>utomatic Voltage Regulation with Over and Under Voltage Protection<br>Inder-Frequency/Overload/Stepper Overcurrent Protection<br>afety Fused/Fuse Problem Protection<br>utomatic Low Oil Pressure/High Oil Temperature Shutdown<br>Ivercrank/Overspeed (@ 72 Hz)/rpm Sense Loss Shutdown<br>Igh Engine Temperature Shutdown<br>ternal Fault/Incorrect Wiring Protection  | 54 (1.48) [5.62]<br>ad ranges - 3.5–7.0 in water column (0.6<br>tiply m³/hr x 93.15 (LP) or m³/hr x 37.26<br>Sim<br>Automatic start on utility<br>Start with starter contro<br>Stops unit. Pov<br>Stap<br>Sta | 112 (3.07) [11.61]<br>37–1.74 kPa) for NG, 10–12 in wat<br>5 (NG).<br>The user interface for ease of operat<br>failure. Weekly, Bi-Weekly, or Mon<br>I, unit stays on. If utility fails, trans<br>wer is removed. Control and charge<br>Standard<br>Standard<br>ndard (programmable by dealer on<br>From 140-171 V / 190-216 V<br>Standard<br>50 events each<br>16 sec on, 7 sec rest (90 sec max<br>re-engage until 5 sec after engine<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard | 110 (3.02) [11.44]<br>er column (2.49–2.99 kPa)<br>ion.<br>thly selectable exerciser.<br>fer to load takes place.<br>er still operate.<br>ly) |
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Rating definitions – Optional Standby: Applicable for supplying backup power for the duration of the utility power outage with correct maintenance performed. No overload capability is available for this rating. (All ratings in accordance with BS5514, IS03046, UL2200, and DIN6271). \* Maximum kilovolt amps and current are subject to and limited by such factors as fuel BTU/Megajoule content, ambient temperature, altitude, engine power and condition, etc. Maximum power decreases approximately 3.5% for each 1,000 ft (304.8 m) above sea level and approximately 1% for each 10 °F (6 °C) above 60 °F (16 °C). \*\*Sound levels are taken from the front of the generator. Sound levels taken from other sides of the generator may be higher depending on installation parameters.

## 10/14/18 kW

#### **Limited Circuits Switch Features**

- 16 space, 24 circuit. Breakers not included.
- Electrically operated, mechanically-held contacts for fast, positive connections.
- Rated for all classes of load, 100% equipment rated, both inductive and resistive.
- 2-pole, 250 VAC contactors.
- 30 millisecond transfer time.
- Dual coil design.
- Rated for both copper and aluminum conductors.
- Main contacts are silver plated or silver alloy to resist welding and sticking.
- NEMA/UL 3R aluminum outdoor enclosure allows for indoor or outdoor mounting flexibility.
- Multi listed for use with 1 in standard, tandem, GFCI, and AFCI breakers from Siemens, Murray, Eaton, and Square D for the most flexible and cost effective install.

#### Dimensions

|    | Heiç  | Height Width |       | Depth |       |
|----|-------|--------------|-------|-------|-------|
|    | H1    | H2           | W1    | W2    | Depin |
| in | 26.75 | 30.1         | 10.5  | 13.5  | 6.91  |
| cm | 67.94 | 76.43        | 26.67 | 34.18 | 17.54 |

| Wire Ranges   |             |            |
|---------------|-------------|------------|
| Conductor Lug | Neutral Lug | Ground Lug |
| 2/0 - #14     | 2/0 - #14   | 2/0 - #14  |

#### **Service Rated Smart Switch Features**

- Includes Smart A/C Management (SACM) module standard.
- Intelligently manages up to four air conditioner loads with no additional hardware.
- Up to eight large (240 VAC) loads can be managed with Smart Management Modules (SMMs).
- Electrically operated, mechanically-held contacts for fast, clean connections.
- Rated for all classes of load, 100% equipment rated, both inductive and resistive.
- 2-pole, 250 VAC contactors.
- Service equipment rated, dual coil design.
- Rated for both aluminum and copper conductors.
- Main contacts are silver plated or silver alloy to resist welding and sticking.
- NEMA/UL 3R aluminum outdoor enclosure allows for indoor or outdoor mounting flexibility.

#### Dimensions

|    | 200 Amps 120/240, 1ø<br>Open Transition Service Rated |       |       |      |       |
|----|---|-------|-------|------|-------|
|    | Height Width  |       | Depth |      |       |
|    | H1  | H2    | W1    | W2   | Depui |
| in | 26.75   | 30.1  | 10.5  | 13.5 | 6.3   |
| cm | 67.94   | 76.45 | 26.67 | 34.3 | 16.01 |

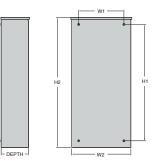
| Wire Ranges   |              |            |
|---------------|--------------|------------|
| Conductor Lug | Neutral Lug  | Ground Lug |
| 400 MCM - #4  | 350 MCM - #6 | 2/0 - #14  |

| Model  | G007172-0<br>(10 kW) | G007224-0<br>(14 kW) |
|--|----------------------|----------------------|
| No. of poles   | 2                    |                      |
| Current rating (amps)                                    | 100                  |                      |
| Voltage rating (VAC)                                     | 120 / 240            | , 1Ø                 |
| Utility voltage monitor (fixed)*<br>-Pick-up<br>-Dropout | 80%<br>65%           |                      |
| Return to utility*                                       | Approx. 15           | i sec                |
| Exercises bi-weekly for 5 minutes*                       | Standar              | d                    |
| ETL or UL Listed   | Standar              | ď                    |
| Total circuits available                                 | 24                   |                      |
| Tandem breaker capabilities                              | 8 tander             | ns                   |
| Circuit breaker protected<br>Available RMS Symmetrical   | 10,000               | )                    |

\*Function of Evolution controller

Fault Current @ 250 Volts

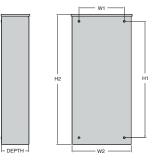
Exercise can be set to weekly or monthly



| Model   | G007225-0<br>(14 kw) | G007228-0<br>(18 kW) |
|---|----------------------|----------------------|
| No. of poles  | 2                    | 2                    |
| Current rating (amps)   | 20                   | 00                   |
| Voltage rating (VAC)  | 120/24               | 40, 1Ø               |
| Utility voltage monitor (fixed)*<br><i>-Pick-up</i><br>-Dropout | 80<br>65             | -                    |
| Return to utility*  | 15                   | sec                  |
| Exercises bi-weekly for 5 minutes*                              | Standard             |                      |
| ETL or UL Listed  | Standard             |                      |
| Enclosure type  | NEMA                 | /UL 3R               |
| Circuit breaker protected                                       | 22,                  | 000                  |
| Lug range   | 250 MC               | M - #6               |

\*Function of Evolution Controller

Exercise can be set to weekly or monthly



GENERA

**Switch Options** 

# GENERAC

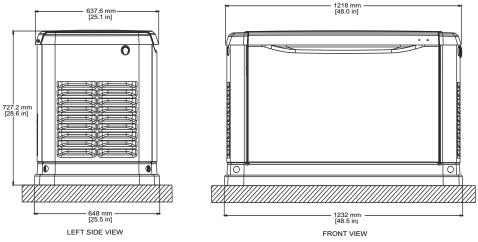
# 10/14/18 kW

**Dimensions & UPCs** 

6 of 6

| Model #   | Product  | Description   |
|---|--|---|
| G005819-0   | 26R Wet Cell Battery                             | Every standby generator requires a battery to start the system. Generac offers the recommended 26R wet cell battery for use with all air-cooled standby product (excluding PowerPact <sup>®</sup> ).  |
| G007101-0   | Battery Pad Warmer                               | The pad warmer rests under the battery. Recommended for use if the temperature regularly falls below 0 °F (-18 °C). (Not necessary for use with AGM-style batteries).   |
| G007102-0   | Oil Warmer                                       | Oil warmer slips directly over the oil filter. Recommended for use if the temperature regularly falls below 0 °F (-18 °C).  |
| G007103-1   | Breather Warmer                                  | The breather warmer is for use in extreme cold weather applications. For use with Evolution controllers only in climates where heavy icing occurs.  |
| G005621-0   | Auxiliary Transfer Switch<br>Contact Kit         | The auxiliary transfer switch contact kit allows the transfer switch to lock out a single large electrical load you may not need. Not compatible with 50 amp pre-wired switches.  |
| G007027-0 - Bisque                                    | Fascia Base Wrap Kit                             | The fascia base wrap snaps together around the bottom of the new air cooled generators. This offers a sleek, con-<br>toured appearance as well as offering protection from rodents and insects by covering the lifting holes located in<br>the base.  |
| G005703-0 - Bisque                                    | Touch-Up Paint Kit                               | If the generator enclosure is scratched or damaged, it is important to touch up the paint to protect from future corrosion. The touch-up paint kit includes the necessary paint to correctly maintain or touch up a generator enclosure.  |
| G006482-0 – 10 kW<br>G007216-0 – 14 / 18 kW           | Scheduled Maintenance Kit                        | Generac's scheduled maintenance kits provide all the items necessary to perform complete routine maintenance on a Generac automatic standby generator (oil not included).   |
| G007005-0   | Wi-Fi LP Fuel Level Monitor                      | The Wi-Fi enabled LP fuel level monitor provides constant monitoring of the connected LP fuel tank. Monitoring the LP tank's fuel level is an important step in verifying the generator is ready to run during an unexpected power failure. Status alerts are available through a free application to notify users when the LP tank is in need of a refill.   |
| G007000-0 (50 amps)<br>G007006-0 (100 amps)           | Smart Management Module                          | Smart Management Modules (SMM) are used to optimize the performance of a standby generator. It manages large electrical loads upon startup and sheds them to aid in recovery when overloaded. In many cases, using SMM's can reduce the overall size and cost of the system.  |
| G007169-0 (4G LTE)<br>G007170-0 (Wi-Fi/Ether-<br>net) | Mobile Link <sup>®</sup> Cellular<br>Accessories | The Mobile Link family of Cellular Accessories allow users to monitor the status of the generator from anywhere in the world, using a smartphone, tablet, or PC. Easily access information such as the current operating status and maintenance alerts. Users can connect an account with an authorized service dealer for fast, friendly, and proactive service. With Mobile Link, users are taken care of before the next power outage. |

| Model     | UPC          |
|-----------|--------------|
| G007171-0 | 696471074680 |
| G007172-0 | 696471074673 |
| G007223-0 | 696471082548 |
| G007224-0 | 696471082555 |
| G007225-0 | 696471082562 |
| G007226-0 | 696471082579 |
| G007228-0 | 696471082586 |



Dimensions shown are approximate. See installation manual for exact dimensions. DO NOT USE THESE DIMENSIONS FOR INSTALLATION PURPOSES.





# **26R Wet Cell Battery**

**STANDBY GENERATOR ACCESSORIES** 

Model 5819-0



## DESCRIPTION

Every standby generator requires a battery to start the system. In efforts to achieve the easiest generator installation, Generac offers the recommended 26R, wet cell battery applicable for virtually all residential Generac standby generators.

\*For use with all air-cooled standby product and liquid-cooled standby product 60kW and below, excluding the QT4842.





# QwikPad<sup>®</sup> for Generators Rated for 180 mph Hurricane Winds

# a lightweight, easy-to-install generator pad that meets wind loading requirements of 180 MPH and Higher? Sto

# QwikPad<sup>®</sup> for Generators

and other Patents Pending



Rated for winds in excess of 180 MPH and exceeds **Miami-Dade hurricane** requirements.

UV-resistant, highdurability construction is lightweight for shipping and 1-man handling but once filled, more than 50 lbs heavier than competitor's concrete pads.

Contains a unique gelling agent that forms a solidus gel and provides freeze protection.

Includes corrosion-resistant stainless steel mounting hardware specific to the mounted generator model.

Water Fill Plug



# QwikPad<sup>®</sup> for Generators Rated for 180 mph Hurricane Winds

# OwikPad<sup>®</sup> for Generators

The Florida Building Code compliant generator support pad is lightweight when purchased, but weighs enough to meet code requirements of **180 mph** + wind loading when filled with water and secured with stainless steel mounting bolts (supplied). Each pad includes a unique gelling agent that, once water is added, forms a solidus gel.

#### FLORIDA BUILDING CODE NOTICE

This product meets the following building code requirements:

- 1. Mechanical Vol., Sect. 304.10 Clearances from Grade This product provides 5" of clearance above adjoining grade.
- 2. Mechanical Vol., Sect. 301.15 Wind resistance Load combinations in accordance with the Florida Building Code, Building Vol. Ch. 16 and ASCE 7 – Ch. 2.

Wind pressure calculations performed per Florida Building Code- Ch. 16 and ASCE 7 - Ch. 29. For the most up-to-date documentation, visit our website, www.gwik.com/gwikpad4gen or call 1-800-866-3550.

#### Florida Product Approval #FL27646

This product has been tested by a nationally recognized, independent research and development laboratory and deemed compliant with Section 4.1.4 and Section A.4.1.4.1.2 of the Annex of NFPA 37 (2018), Standard for the Installation and Use of Stationary Combustion Engines and Gas Turbines.

| Qwik <b>Pad</b> ®<br>for <b>Generators P/N</b> | Description of Generator Model to be mounted   |
|--|--|
| QT8200   | Universal Pad (includes hardware for Generac/Honeywell, and Kohler)                          |
| QT8210   | For Briggs and Stratton® 17/20 kW Steel Enclosure Generators (hardware included)             |
| QT8220   | For Briggs and Stratton <sup>®</sup> 20 kW Aluminum Enclosure Generators (hardware included) |
| QT8230   | For Generac/Honeywell® 9-24 kW Generators (hardware included)                                |
| QT8240   | For Kohler <sup>®</sup> 14/20 kW RES/RCA Generators (hardware included)                      |

# For more details or information about the Owik**Pad**<sup>®</sup> for **Generators** visit www.qwik.com/qwikpad4gen/ or email info@qwik.com

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