

DCP-2 DR-2020-01797

CITY OF PITTSBURGH
DEPARTMENT OF CITY PLANNING



ZONING & DEVELOPMENT REVIEW
ZBA REQUESTS SUPPLEMENT

Accela #Click here to enter text.

A. PROJECT INFORMATION

1. APPLICATION IS: Development Project Protest Appeal

2. STAFF REVIEW DATE: 3/4/2020

3. SITE INFORMATION

Development Address: 701 Loretta Street

Parcel ID(s)/Lot-and-Block Number(s): 55-D-258

Project Description: Install accessory generator in side yard of existing single-family dwelling

3. CONTACT INFORMATION

Applicant Name: Jerome Boea

Applicant Contact (phone and email): Jboea1@gmail.com (724) 516-1456

B. ZBA HEARING INFORMATION

Zone Case #Click here to enter text. of Click here to enter text.

Date of Hearing: Click here to enter a date.

Time of Hearing: Click here to enter text.

77 2020
APRIL 2, 2020 10:00 A.M.

Zoning Designation: R1D-H

Neighborhood: Greenfield

Zoning Specialist: ZC

C. ZBA REQUESTS

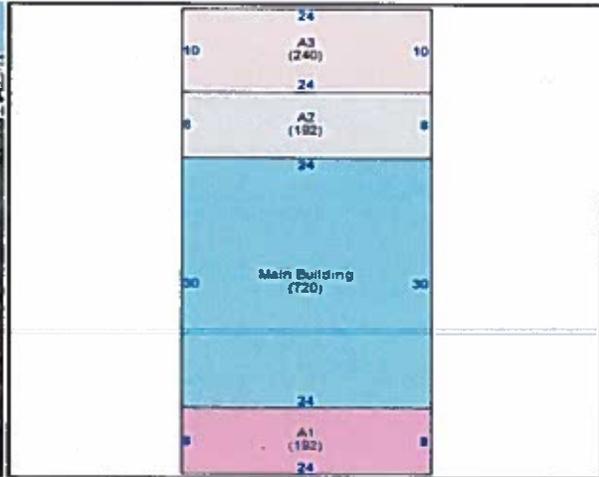
Type of Request Special Exception:

Code Section: 916.09

Description: Special exception to waive residential compatibility standard of noise level

Parcel ID : 0055-D-00258-0000-00
 Property Address : 701 LORETTA ST
 PITTSBURGH, PA 15217

Municipality : 115 15th Ward - PITTSBURGH
 Owner Name : KARP BRUCE I



Main Building		720 Sq. Ft.
A1	Basement Unfinished Porch Masonry - Open	192 Sq. Ft.
A2	Patio Concrete	192 Sq. Ft.
A3	Patio Concrete	240 Sq. Ft.

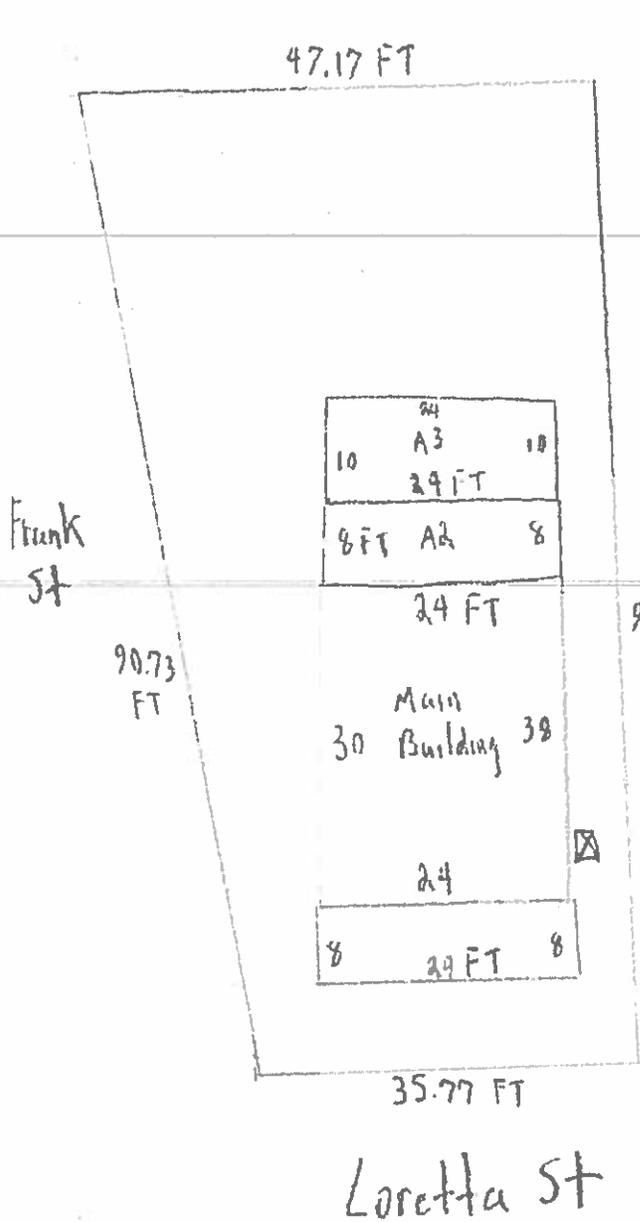
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 Owner Name: KARP BRUCE I



	24	
10	A3 (240)	10
	24	
8	A2 (192)	8
	24	
30	Main Building (720)	30
	24	
8	A1 (192)	8
	24	

Main Building		720 Sq. Ft.
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A3	Patio Concrete	240 Sq. Ft.



Main Building - 720 Sq Ft

A1) Basement Unfinished Porch Masonry - 192 Sq Ft

A2) Patio Concrete - 192 Sq Ft

A3) Patio Concrete - 240 Sq Ft



Generator

Aliza Eisenberg
701 Loretta St
PGH PA 15217

RESIDENTIAL
ZONING & DEVELOPMENT
REVIEW APPLICATION



CITY OF PITTSBURGH
DEPARTMENT OF CITY
PLANNING

DIRECTIONS

NEW! This application form is for Residential Zoning and Development Review Projects. Residential applications are one unit and two unit residential only.

NEW! This form is no longer required if you are filing online! At OneStopPGH, you can create an account and file online, including paying fees. Please visit: <http://pittsburghpa.gov/onestoppgh/> for most efficient service.

Please use the Zoning and Development Review Application checklist to determine whether the application is needed and if a stamped site plan is required.

Directions: Applicant must complete all information accurately and completely for processing.

- The basic application fee is \$50 per application due at the time submission. Check or money order accepted, payable to "Treasurer City of Pittsburgh". Credit Card accepted at the OneStopPGH Counter. Additional fees may be incurred with additional levels of review, public hearings, posting, etc. For the full Fee Schedule, see <http://pittsburghpa.gov/dcp/fees>
- Submit this application form, fee, and attachments to the OneStopPGH Counter, or mail to: Attn: Zoning and Development Review Application, Dept. of Permits, Licenses, and Inspections, 200 Ross St, Suite 320 Pittsburgh, PA 15219-2014

**BASIC INFORMATION
(REQUIRED FOR ALL PROJECTS)**

1. APPLICATION IS:

Choose one: New application Amendment/Addition to existing application number: _____

Choose one: 1-Unit Residential 2-Unit Residential

2. SITE INFORMATION

Development Address: 701 Loretta Street PGH PA 15217

Parcel ID(s)/Lot-and-Block Number(s): 0055-D-00258-0000-00

3. WORK SCOPE

Describe the proposed development in detail (include changes of use, new construction, renovations, accessory structures and uses, etc.; if development is only in a portion of the building, identify which areas):

We will be installing 10 kW Generator on the right middle side of the property

PLEASE SELECT YOUR SCOPE OF WORK BELOW (select one from A. through F.):

A. If the project is New Construction or Addition, please select all that apply:

- Change of Use Exterior HVAC or Exterior Electrical
 Construction of or Addition to Primary Use or Structure Fence taller than 6 feet
 Construction of or Addition to Accessory Use or Structure Parking

B. If the project is Exterior Alterations ONLY on a Locally Designated Historic Structure, please select the scope of work: Painting only All other exterior work

C. If Record of Zoning Approval ONLY please select all that apply (No Building Permit required):

- Parking Pad Carport (open on at least 2 sides)
 Deck 30 inches or less Accessory Greenhouse greater than 120 square feet
 Fence 6 feet or less

D. If the project is Change to Number of Dwelling Units or a Home Occupation, and the scope of work requires no other zoning reviews:

E. If the project is within the Floodplain, and the scope of work requires no other zoning reviews:

F. If the project is Demolition ONLY, select the scope of work: Full Demolition Partial Demolition

**ADDITIONAL INFORMATION
(REQUIRED AS APPLICABLE)**

1. PRIMARY BUILDING INFORMATION

New Dwelling Units: _____

2. PARKING INFORMATION

Total Car Spaces: _____ New Car Spaces: _____

3. LANDSCAPE INFORMATION

Street Trees: (has) Existing (providing) New (any) Removed, Total DBH: _____

4. STORMWATER MANAGEMENT (SWM) INFORMATION

Area of Disturbance (SF) Total: _____ Total Impervious Surface (SF) Total: _____

Impervious Area Managed (SF) Total: _____ Volume Capacity of System Total: _____

APPLICANT INFORMATION
(REQUIRED FOR ALL PROJECTS)

APPLICANT INFORMATION:

Property Owner's Name: Aliza Eisenberg
Applicant Name: RG Behers Electrical Service Inc (Jermone Boen)
Applicant Address: 3272 Eastview Rd Bethel Park PA 15102
Applicant Contact (EMAIL): JBOEA1@GMAIL.COM (PHONE): 412-854-0883

My signature (below) certifies that all information provided as part of this application is correct and that I am authorized by the legal property owner to make this application.

Applicant or Owner Signature: Jermone Boen Date: 2/4/2020

GENERAC®

GUARDIAN® SERIES Residential Standby Generators Air-Cooled Gas Engine

10/13/16 kW

INCLUDES:

- True Power™ Electrical Technology
- Two-line multilingual digital LCD Evolution™ 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™ 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

Standby Power Rating

G007171-0, G007172-0 (Aluminum - Bisque) – 10 kW 60 Hz
G007173-0, G007174-0, G007175-0 (Aluminum - Bisque) – 13 kW 60 Hz
G007176-0, G007177-0, G007178-0 (Aluminum - Bisque) – 16 kW 60 Hz



QUIET TEST.



Note: ETL 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.
- **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**
 - ✓ **MOTOR STARTING ABILITY**
- **MOBILE LINK™ 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 $\pm 1\%$.
- **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 the GENERAC product line is offered with its own transfer systems and controls for total system compatibility.

THE GENERAC
PROMISE



10/13/16 kW**Engine**

- 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 resulting in longer engine life.
- "Spiny-lok" cast iron cylinder walls
Rigid construction and added durability provide long engine life.
- Electronic Ignition/spark advance
These features combine to assure smooth, quick starting every time.
- Full pressure lubrication system
Pressurized lubrication to all vital bearings means better performance, less maintenance, and longer engine life. Now featuring up to a 2 year/200 hour oil change interval.
- Low oil pressure shutdown system
Shutdown protection prevents catastrophic engine damage due to low oil.
- High temperature shutdown
Prevents damage due to overheating.

Generator

- Revolving field
Allows for a smaller, light weight unit that 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.

Transfer Switch (if applicable)

- Fully automatic
Transfers vital electrical loads to the energized source of power.
- NEMA 3R
Can be installed inside or outside for maximum flexibility.
- Remote mounting
Mounts near an existing distribution panel for simple, low-cost installation.

Evolution™ Controls

- AUTO/MANUAL/OFF illuminated buttons
Select the operating mode and provide easy, at-a-glance status indication in any condition.
- Two-line multilingual LCD
Provides homeowners easily visible logs of history, maintenance, and events up to 50 occurrences.
- Sealed, raised buttons
Smooth, weather-resistant user interface for programming and operations.
- Utility voltage sensing
Constantly monitors utility voltage, setpoints 65% dropout, 80% pick-up, of standard voltage.
- Generator voltage sensing
Constantly monitors generator voltage to verify the cleanest power is delivered to the home.
- Utility interrupt delay
Prevents nuisance startups of the engine, adjustable 2-1500 seconds from the factory default setting of 5 seconds by a qualified dealer.
- Engine warm-up
Verifies engine is ready to assume the load. Setpoint approximately 5 seconds.
- Engine cool-down
Allows engine to cool prior to shutdown. Setpoint approximately 1 minute.
- Programmable exercise
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.
- Smart battery charger
Delivers charge to the battery only when needed at varying rates depending on outdoor air temperature. Compatible with lead acid and AGM-style batteries.
- Main line circuit breaker
Protects generator from overload.
- Electronic governor
Maintains constant 60 Hz frequency.

Unit

- SAE weather protective enclosure
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.
- Enclosed critical grade muffler
Quiet, critical grade muffler is mounted inside the unit to prevent injuries.
- Small, compact, attractive
Makes for an easy, eye appealing installation, as close as 18 in (457 mm) away from a structure.

10/13/16 kW**Features and Benefits****Installation System**

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

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.

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

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.

10/13/16 kW

Generator Model	G007171-0, G007172-0 (10 kW)	G007173-0, G007174-0, G007175-0 (13 kW)	G007176-0, G007177-0, G007178-0 (16 kW)
Rated maximum continuous power capacity (LP)	10,000 Watts*	13,000 Watts*	16,000 Watts*
Rated maximum continuous power capacity (NG)	9,000 Watts*	13,000 Watts*	16,000 Watts*
Rated voltage	240	240	240
Rated maximum continuous load current – 240 volts (LP/NG)	41.7 / 37.5	54.2 / 54.2	66.7 / 66.7
Total Harmonic Distortion		Less than 5%	
Main line circuit breaker	45 Amp	60 Amp	70 Amp
Phase	1	1	1
Number of rotor poles	2	2	2
Rated AC frequency	60 Hz	60 Hz	60 Hz
Power factor	1.0	1.0	1.0
Battery requirement (not included)	12 Volt, Group 24H 540 CCA Minimum or Group 35AGM 650 CCA Minimum	12 Volt, Group 24H 540 CCA Minimum or Group 35AGM 650 CCA Minimum	12 Volt, Group 24H 540 CCA Minimum or Group 35AGM 650 CCA Minimum
Unit weight (lb/kg)	338/153	385/175	420/191
Dimensions (L x W x H) in / cm	48.25 x 29.125 x 73.7	48.25 x 29.125 x 73.7	48.25 x 29.125 x 73.7
Sound output in dB(A) at 23 ft (7 m) with generator operating at normal load**	61	65	65
Sound output in dB(A) at 23 ft (7 m) with generator in Quiet-Test™ low-speed exercise mode**	57	55	55
Exercise duration		5 min	

Engine

Engine type	GENERAC G-Force 400 Series	GENERAC G-Force 800 Series
Number of cylinders	1	2
Displacement	460 cc	816 cc
Cylinder block		Aluminum w/ cast iron sleeves
Valve arrangement		Overhead valve
Uiter type	Solid	Hydraulic
Ignition system		Solid-state w/ magneto
Governor system		Electronic
Compression ratio		9.5:1
Starter		12-Volt
Oil capacity including filter	Approx. 1.1 qt / 1.0 L	Approx. 2.2 qt / 2.1 L
Operating rpm		1600
Fuel consumption		
Natural Gas	ft ³ /hr (m ³ /hr)	
1/2 Load	101 (2.86)	154 (4.36)
Full Load	127 (3.60)	225 (6.37)
Liquid Propane	ft ³ /hr (gal/hr) [L/hr]	
1/2 Load	36 (0.97) [3.66]	56 (1.54) [5.83]
Full Load	54 (1.48) [5.62]	90 (2.45) [9.28]
		62 (1.70) [6.45]
		109 (2.99) [11.32]

Note: Fuel pipe must be sized for full load. Required fuel pressure to generator fuel inlet at all load ranges: 0.5-7.0 in water column (0.37-1.94 kPa) for NG, 16-12 in water column (2.49-2.99 kPa) for LP gas. For BTU content, multiply ft³/hr x 2,500 (LP) or ft³/hr x 1,000 (NG). For Megajoules content, multiply ft³/hr x 33.3 (LP) or ft³/hr x 37.25 (NG).

Controls

Two-line plain text multilingual LCD	Simple user interface for ease of operation.
Mode buttons: AUTO	Automatic start on utility failure. Weekly, Bi-Weekly, or Monthly selectable exerciser.
MANUAL	Start with starter control, and stop when utility fails; transfer to load takes place.
OFF	Stops unit. Power is removed. Control and charger still operate.
Ready to Run/Maintenance messages	Standard
Engine run hours indication	Standard
Programmable start delay between 2-1500 seconds	Standard (programmable by dealer only)
Utility voltage loss/Return to utility adjustable (brownout setting)	From 140-171 V / 190-216 V
Future set capable exerciser/Exercise set error warning	Standard
Run/Alarm/Maintenance logs	50 events each
Engine start sequence	Cyclic banking: 1 Position, 7 seconds, 100 sec maximum duration.
Starter lock-out	Starter cannot re-engage until 5 sec after engine has stopped.
Smart Battery Charger	Standard
Charger Fault/Missing AC Warning	Standard
Low Battery/Battery Problem Protection and Battery Condition Indication	Standard
Automatic Voltage Regulation with Over and Under Voltage Protection	Standard
Under-Frequency/Overload/Stepper Overcurrent Protection	Standard
Safety Fused/Fuse Problem Protection	Standard
Automatic Low Oil Pressure/High Oil Temperature Shutdown	Standard
Overcrank/Overspeed (@ 72 Hz)/rpm Sense Loss Shutdown	Standard
High Engine Temperature Shutdown	Standard
Internal Fault/Incorrect Wiring Protection	Standard
Common External Fault Capability	Standard
Field Upgradable Firmware	Standard

** 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. Rating definitions - Standby: Applicable for supplying emergency power for the duration of the utility power outage. No overload capability is available for this rating. (All ratings in accordance with BS5514, ISO3046 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 also will decrease approximately 1% for each 6 °C (10 °F) above 16 °C (60 °F).

10/13/16 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.

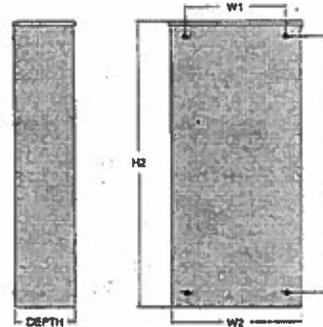
Dimensions

	Height		Width		Depth
	H1	H2	W1	W2	
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

Model	G007172-0 (10 kW)	G007174-0 (13 kW)	G007177-0 (16 kW)
No. of poles	2		
Current rating (amps)	100		
Voltage rating (VAC)	120 / 240, 1Ø		
Utility voltage monitor (fixed)*			
-Pick-up	80%		
-Dropout	65%		
Return to utility*	Approx. 15 Sec		
Exercises bi-weekly for 5 minutes*	Standard		
ETL or UL Listed	Standard		
Total circuits available	24		
Tandem breaker capabilities	8 tandems		
Circuit breaker protected			
Available RMS Symmetrical Fault Current @ 250 Volts	10,000		

*Function of Evolution controller
Exercise can be set to weekly or monthly



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.

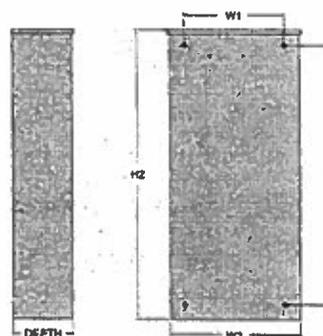
Dimensions

	200 Amps 120/240, 1Ø Open Transition Service Rated				
	Height		Width		Depth
	H1	H2	W1	W2	
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	G007175-0 (13 kW)	G007178-0 (16 kW)
No. of poles	2	
Current rating (amps)	200	
Voltage rating (VAC)	120/240, 1Ø	
Utility voltage monitor (fixed)*		
-Pick-up	80%	
-Dropout	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 MCM - #6	

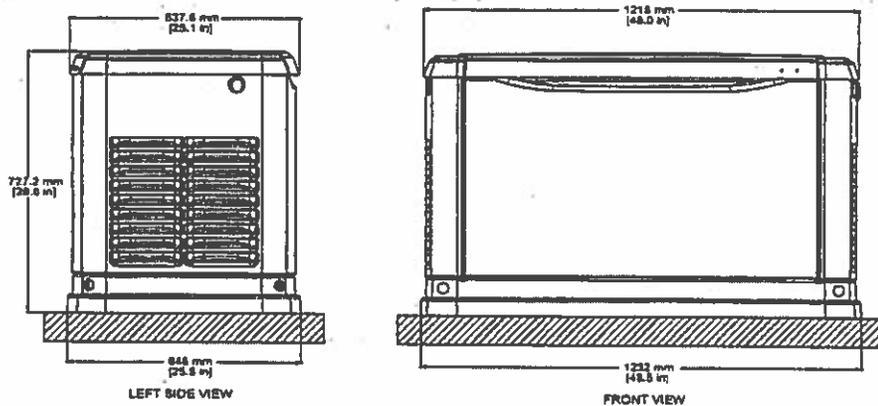
*Function of Evolution Controller
Exercise can be set to weekly or monthly



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®).
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 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, contoured appearance as well as offering protection from rodents and insects by covering the lifting holes located in 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 paint kit includes the necessary paint to correctly maintain or touch up a generator enclosure.
G006482-0 - 10 kW G007216-0 - 13 / 16 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) 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	Mobile Link™ 4G LTE Cellular Accessory	The Mobile Link 4G LTE Cellular Accessory 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 with an authorized service dealer for fast, friendly, and proactive service. With Mobile Link, users are taken care of before the next power outage.

Dimensions & UPCs

Model	UPC
G007171-0	696471074680
G007172-0	696471074673
G007173-0	696471076400
G007174-0	696471077100
G007175-0	696471077117
G007176-0	696471076417
G007177-0	696471077124
G007178-0	696471077131



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