Village of Mamaroneck Building Department
169 Mt. Pleasant Avenue
Mamaroneck, N.Y. 10543
914-777-7731 Fax 914-777-7792
www.village.mamaroneck.ny.us

Application # _____ Permit # _____

Building Permit Application

NOTE: Two sets of construction documents must be submitted with application.

1. Project address: 911 Fairway Lane

Zone		Section		Block		Lot		

Existing use Residential: ☒ Single Family ☐ 2 Family ☐ Other

Intended Use: ☒ Single Family ☐ 2 Family ☐ Other

Existing Use Commercial: ☐ Multi Family How Many? ☐ Retail ☐ Resturant ☐ Busines

☐ Other (Please specify)

Intended Use: ☐ Multi Family How Many? ☐ Retail ☐ Resturant ☐ Busines

☐ Other (Please specify)

Is This a Non Conforming Use? ☐ Yes ☐ No (Please specify)

Estimated cost:	10,000	Application Fee:	Permit Fee:

2. Description of work: 22kw generator - Natural gas

3. Owners name and address :

Carol Campili
911 Fairway Lane
Mamaroneck

Phone #: 917-680-8111

4. Applicant name and address :

James A. Stone Electric
522 Fenimore Rd
Mamaroneck, NY 10543

E-Mail Address : jamesa@jamesstoneelectric.com

Phone #: 914.835.0999

5. Applicant Name (Please print): James Stone

Applicants Singiture:

6. Is this a new residential house? ☐ Yes ☒ No ☐ Addition ☐ Alteration

7. Is this a new commercial building? ☐ Yes ☒ No ☐ Addition ☐ Alteration

8. Municipal sewer ? Septic system?(If appicable, attached Health Dept. approval)

9. Is this structure with in the flood plain? ☐ If yes, please file a Flood Development Permit

10. Is this project with in the tidal wetland or buffer? ☐ If yes, please file a wetland activity permit.

11. Is this project with in the fresh water wetland or buffer? ☐ If yes, please file a wetland activity permit.

12. Is there a disturbance of land greater than 1,000 square feet ? ☐ If yes, please file a SWPPP permit per section 294.

13. Topography: ☐ Flat ☐ Hilly ☐ Rocky ☐ Steep Incline ☐ Other

14. Do you require any other board approvals? If yes please check which boards you require bellow.

☐ BAR ☐ Zoning ☐ Planning ☐ HCZM ☐ Other

15. **Architect/Engineer name and address:**

/

Phone #_____

16. **Contractor name and address:**

James A. Stone Electric
522 Fenimore Rd
Mamaroneck, NY 10543

License # & Expiration Date: 1387 12/31/21

Phone # 914-835-0999

17. **Electrician name and address:**

James A. Stone Electric
522 Fenimore Rd
Mamaroneck, NY 10543

License # & Expiration Date: 1387 12/31/21

Phone # 914-835-0999

18. **Plumbers name and address:**

Bill Colangelo Plumbing
105 Calvert St
Harrison, NY 10528

License # & Expiration Date: 699 12/31/21

Phone # 914-777-6606

19. **State of New York**

County of Westchester

I James Stone being duly sworn deposes and says

JENNIFER RANSOM
NOTARY PUBLIC-STATE OF NEW YORK
No. 01RA6288703
Qualified in Westchester County
My Commission Expires 09-09-2021

He / She is the _____ of said property, and duly authorized
(Owner, Contractor, Agent or Corporate Officer)

To perform or have performed the said work and to file this application: that all statements contained in this application are true to the best of my knowledge and belief, and that the work will be performed In the manner set forth in the application in the plans and specification filed therewith and in full compliance with New York State Codes.

Sworn to before me this 25th day of Jan, 20 21.

(Signature of Notary)

Do not write below this line/office use only

Received By: _____

- ◯ Residential Application Fee: $75.00
- ◯ Commercial Application Fee $100.00
- ◯ License Received
- ◯ Insurance Certificates
- ◯ EAS
- ◯ Residential Permit Fee
- ◯ Commercial Permit Fee
- ◯ Certificate Fee Paid
- ◯ 2 Sets of Drawings
- ◯ Floodplain Development Application if Required

Reviewed by: _____ **Dated:** _____

Approved by: _____ **Dated:** _____

Short Environmental Assessment Form
Part 1 - Project Information

Instructions for Completing

Part 1 - Project Information. The applicant or project sponsor is responsible for the completion of Part 1. Responses become part of the application for approval or funding, are subject to public review, and may be subject to further verification. Complete Part 1 based on information currently available. If additional research or investigation would be needed to fully respond to any item, please answer as thoroughly as possible based on current information.

Complete all items in Part 1. You may also provide any additional information which you believe will be needed by or useful to the lead agency; attach additional pages as necessary to supplement any item.

Part 1 - Project and Sponsor Information

Name of Action or Project: Generator

Project Location (describe, and attach a location map): 911 Fairway Lane

Brief Description of Proposed Action: Generator

Name of Applicant or Sponsor: James Stone Electric

Telephone: 914-835-0999

E-Mail: jamese jamesstoneelectric.com

Address: 522 Fenimore Rd

City/PO: Mamaroneck

State: NY

Zip Code: 10543

	NO	YES
1. Does the proposed action only involve the legislative adoption of a plan, local law, ordinance, administrative rule, or regulation? If Yes, attach a narrative description of the intent of the proposed action and the environmental resources that may be affected in the municipality and proceed to Part 2. If no, continue to question 2.	☒	☐
2. Does the proposed action require a permit, approval or funding from any other governmental Agency? If Yes, list agency(s) name and permit or approval:	☒	☐

3.a. Total acreage of the site of the proposed action? _____ acres
b. Total acreage to be physically disturbed? _____ acres
c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor? _____ acres

4. Check all land uses that occur on, adjoining and near the proposed action.
☐ Urban ☐ Rural (non-agriculture) ☐ Industrial ☐ Commercial ☐ Residential (suburban)
☐ Forest ☐ Agriculture ☐ Aquatic ☐ Other (specify): _____
☐ Parkland

	NO	YES	N/A
5. Is the proposed action, a. A permitted use under the zoning regulations?	☐	☑	☐
b. Consistent with the adopted comprehensive plan?	☐	☐	☑
6. Is the proposed action consistent with the predominant character of the existing built or natural landscape?	☐	☑	
7. Is the site of the proposed action located in, or does it adjoin, a state listed Critical Environmental Area? If Yes, identify: _____	☑	☐	
8. a. Will the proposed action result in a substantial increase in traffic above present levels?	☑	☐	
b. Are public transportation service(s) available at or near the site of the proposed action?	☐	☑	
c. Are any pedestrian accommodations or bicycle routes available on or near site of the proposed action?	☑	☐	
9. Does the proposed action meet or exceed the state energy code requirements? If the proposed action will exceed requirements, describe design features and technologies: _____	☐	☐	
10. Will the proposed action connect to an existing public/private water supply? If No, describe method for providing potable water: _____	☐	☑	
11. Will the proposed action connect to existing wastewater utilities? If No, describe method for providing wastewater treatment: _____	☑	☐	
12. a. Does the site contain a structure that is listed on either the State or National Register of Historic Places?	☐	☐	
b. Is the proposed action located in an archeological sensitive area?	☐	☐	
13. a. Does any portion of the site of the proposed action, or lands adjoining the proposed action, contain wetlands or other waterbodies regulated by a federal, state or local agency?	☑	☐	
b. Would the proposed action physically alter, or encroach into, any existing wetland or waterbody? If Yes, identify the wetland or waterbody and extent of alterations in square feet or acres: _____	☐	☐	
14. Identify the typical habitat types that occur on, or are likely to be found on the project site. Check all that apply: ☐ Shoreline ☐ Forest ☐ Agricultural/grasslands ☐ Early mid-successional ☐ Wetland ☐ Urban ☐ Suburban			
15. Does the site of the proposed action contain any species of animal, or associated habitats, listed by the State or Federal government as threatened or endangered?	☑	☐	
16. Is the project site located in the 100 year flood plain?	☐	☐	
17. Will the proposed action create storm water discharge, either from point or non-point sources? If Yes, a. Will storm water discharges flow to adjacent properties? ☐ NO ☐ YES	☐	☐	
b. Will storm water discharges be directed to established conveyance systems (runoff and storm drains)? ☐ NO ☐ YES If Yes, briefly describe: _____			

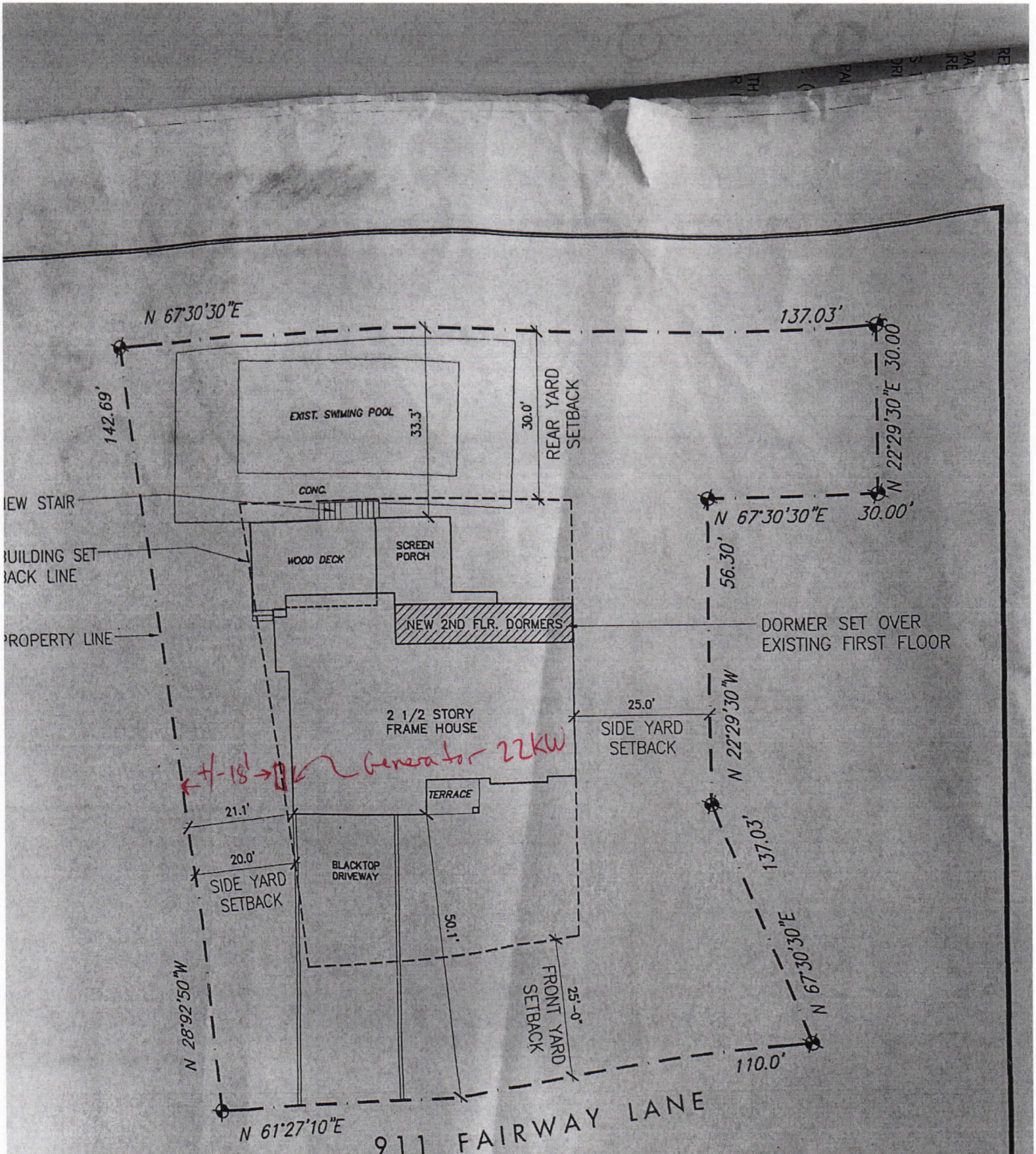
	NO	YES
18. Does the proposed action include construction or other activities that result in the impoundment of water or other liquids (e.g. retention pond, waste lagoon, dam)? If Yes, explain purpose and size: _____	☐	☑
19. Has the site of the proposed action or an adjoining property been the location of an active or closed solid waste management facility? If Yes, describe: _____	☐	☑
20. Has the site of the proposed action or an adjoining property been the subject of remediation (ongoing or completed) for hazardous waste? If Yes, describe: _____	☐	☑

I AFFIRM THAT THE INFORMATION PROVIDED ABOVE IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE

Applicant/sponsor name: James Stone Date: 1/21/21

Signature: _____

PRINT FORM



PLOT PLAN

1" = 20'-0"

SECTION: 9 Block: 72 Lot: 19B

REFERENCED SURVEY BY:
Richard A. Spinelli N.Y.S. Lic. Surveyor No. 49240
169 GRAND ST., MAMARONECK, NY
FILED IN THE WESTCHESTER COUNTY CLERKS OFFICE, DIVISION OF LAND RECORDS
(FORMERLY REGISTER'S OFFICE) MARCH 15, 1930 AS MAP #3571

LEGEND

20/22/24 kW

GENERAC®

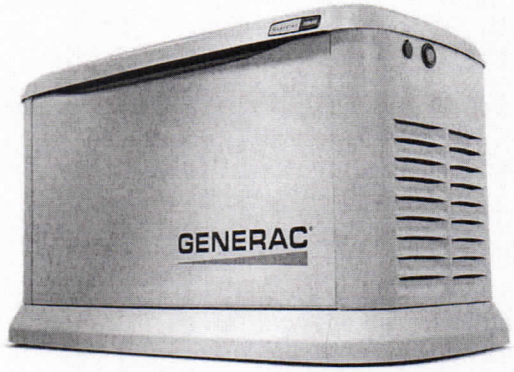
GUARDIAN® SERIES
Residential Standby Generators
Air-Cooled Gas Engine

INCLUDES:

- True Power™ Electrical Technology
- Two-line multilingual digital LCD Evolution™ controller (English/Spanish/French/Portuguese)
- 200 amp service rated transfer switch available
- 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

G007038-1, G007039-1, G007038-3, G007039-3 (Aluminum - Bisque) - 20 kW 60 Hz
G007042-2, G007043-2, G007042-3, G007043-3 (Aluminum - Bisque) - 22 kW 60 Hz
G007209-0, G007210-0 (Aluminum - Bisque) - 24 kW 60 Hz



C ETL US or C UL US LISTED QUIET TEST™ Mobile Link

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 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**
  - ✓ **SYSTEM TORSIONAL TESTED**
  - ✓ **NEMA MG1-22 EVALUATION**
  - ✓ **MOTOR STARTING ABILITY**
- **MOBILE LINK® CONNECTIVITY:** FREE with select Guardian Series Home standby generators, Mobile Link Wi-Fi allows users to monitor generator status 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 that the GENERAC product line is offered with its own transfer systems and controls for total system compatibility.
- **PWRVIEW™ TRANSFER SWITCH:** The Generac PWRview Automatic Transfer Switch integrates the PWRview energy monitor to provide real-time energy consumption data that can help lower a home's electricity bill. Using a convenient mobile app, homeowners can access energy usage and alert information while under utility power or generator power. The PWRview energy monitor is a simple to use and low cost tool which helps save money over the life of the generator. Included with model G007210-0.

THE GENERAC PROMISE

GENERAC PWRVIEW

GENERAC

20/22/24 kW

Features and Benefits

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 ±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.
● Integrated load management technology	Capability to manage additional loads for efficient power management.
● Remote mounting	Mounts near an existing distribution panel for simple, low-cost installation.

PWRview Transfer Switch (if applicable)

● PWRview energy monitor	Energy usage at-a-glance.
● Ability to view real-time energy consumption data	Better understand the home's energy profile.
● PWRview mobile app	Access daily energy intelligence and insights.

Evolution™ Controls

● AUTO/MANUAL/OFF illuminated buttons	Selects the operating mode and provides 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 delivered to the home.
● Utility interrupt delay	Prevents nuisance start-ups 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. Also 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.

GENERAC

20/22/24 kW

Features and Benefits

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.

Installation System

● 14 in (35.6 cm) flexible fuel line connector	Listed ANSI Z21.75/CSA 6.27 outdoor appliance connector for the required connection to the gas supply piping.
● Integral sediment trap	Meets IFGC and NFPA 54 installation requirements.

Connectivity (Wi-Fi equipped models only)

● Ability to view generator status	Monitor generator with a smartphone, tablet, or computer at any time via the Mobile Link application for complete peace of mind.
● Ability to view generator Exercise/Run and Total Hours	Review the generator's complete protection profile for exercise hours and total hours.
● Ability to view generator maintenance information	Provides maintenance information for the specific model generator when scheduled maintenance is due.
● Monthly report with previous month's activity	Detailed monthly reports provide historical generator information.
● Ability to view generator battery information	Built in battery diagnostics displaying current state of the battery.
● Weather information	Provides detailed local ambient weather conditions for generator location.

GENERAC

20/22/24 kW

Specifications

Generator

Model	G007038-1 G007039-1 (20 kW)	G007042-2 G007043-2 (22 kW)	G007038-3 G007039-3 (20 kW)	G007042-3 G007043-3 (22 kW)	G007209-0 G007210-0 (24 kW)
Rated maximum continuous power capacity (LP)	20,000 Watts*	22,000 Watts*	20,000 Watts*	22,000 Watts*	24,000 Watts*
Rated maximum continuous power capacity (NG)	18,000 Watts*	19,500 Watts*	18,000 Watts*	19,500 Watts*	21,000 Watts*
Rated voltage	240				
Rated maximum continuous load current – 240 volts (LP/NG)	83.3 / 75.0	91.7 / 81.3	83.3 / 75.0	91.7 / 81.3	100 / 87.5
Total Harmonic Distortion	Less than 5%				
Main line circuit breaker	90 amp	100 amp	90 amp	100 amp	100 amp
Phase	1				
Number of rotor poles	2				
Rated AC frequency	60 Hz				
Power factor	1.0				
Battery requirement (not included)	12 Volts, Group 26R 540 CCA minimum or Group 35AGM 650 CCA minimum				
Unit weight (lb / kg)	448 / 203	466 / 211	436 / 198	445 / 202	455 / 206
Dimensions (L x W x H) in / cm	48 x 25 x 29 / 121.9 x 63.5 x 73.7				
Sound output in dB(A) at 23 ft (7 m) with generator operating at normal load**	67	67	67	67	67
Sound output in dB(A) at 23 ft (7 m) with generator in Quiet-Test™ low-speed exercise mode**	55	57	55	57	57
Exercise duration	5 min				

Engine

Engine type	GENERAC G-Force 1000 Series				
Number of cylinders	2				
Displacement	999 cc				
Cylinder block	Aluminum w/ cast iron sleeve				
Valve arrangement	Overhead valve				
Ignition system	Solid-state w/ magneto				
Governor system	Electronic				
Compression ratio	9.5:1				
Starter	12 VDC				
Oil capacity including filter	Approx. 1.9 qt / 1.8 L				
Operating rpm	3,600				
Fuel consumption					
Natural gas ft³/hr (m³/hr)					
1/2 Load	204 (5.78)	228 (6.46)	164 (4.64)	203 (5.75)	
Full Load	301 (8.52)	327 (9.26)	287 (8.13)	306 (8.66)	
Liquid propane ft³/hr (gal/hr) [L/hr]					
1/2 Load	87 (2.37) [8.99]	92 (2.53) [9.57]	86 (2.36) [8.95]	92 (2.53) [9.57]	
Full Load	130 (3.56) [13.48]	142 (3.90) [14.77]	136 (3.74) [14.15]	142 (3.90) [14.77]	

Note: **Fuel pipe must be sized for full load.** Required fuel pressure to generator fuel inlet at all load ranges - 3.5–7 in water column (0.87–1.74 kPa) for NG, 10–12 in water column (2.49–2.99 kPa) for LP gas. For BTU content, multiply ft³/hr x 2500 (LP) or ft³/hr x 1000 (NG). For Megajoule content, multiply m³/hr x 93.15 (LP) or m³/hr x 37.26 (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, unit stays on. If 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 cranking: 16 sec on, 7 rest (90 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 10 °F (6 °C) above 60 °F (16 °C).

20/22/24 kW

GENERAC

Switch Options

Service Rated Automatic Transfer Switch Features

- Intelligently manages up to four air conditioner loads with no additional hardware.
- Up to eight additional large (240 VAC) loads can be managed when used in conjunction 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.

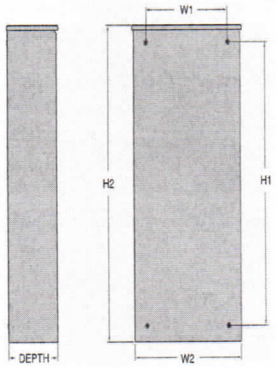
Model	G007039-1, G007039-3 (20 kW) G007043-2, G007043-3 (22 kW)
No. of poles	2
Current rating (amps)	200
Voltage rating (VAC)	120/240, 1Ø
Utility voltage monitor (fixed)* *-Pick-up* *-Dropout*	 80% 65%
Return to Utility*	Approx. 13 sec
Exercises bi-weekly for 5 minutes*	Standard
ETL or UL listed	Standard
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, bi-weekly, or monthly

Dimensions

	200 Amps 120/240, 1ø Open Transition Service Rated				
	Height		Width		Depth
	H1	H2	W1	W2	
in	26.8	30.1	10.5	13.5	6.9
cm	67.95	76.43	26.67	34.18	17.5

Wire Ranges		
Conductor Lug	Neutral Lug	Ground Lug
250 MCM - #6	350 MCM - #6	2/0 - #14



PWRview Automatic Transfer Switch Features

- Integrated PWRview monitor provides real-time energy usage data through PWRview app.
- Intelligently manages up to four air conditioner loads with no additional hardware.
- Up to eight additional large (240 VAC) loads can be managed when used in conjunction 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 3R aluminum outdoor enclosure allows for indoor or outdoor mounting flexibility.
- Heavy duty Generac Contactor is an ETL recognized device.

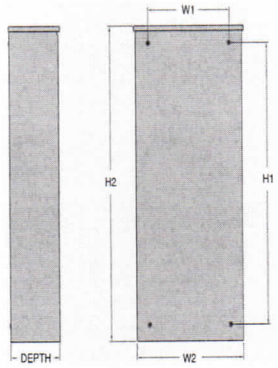
Model	G007210-0 (24 kW)
No. of poles	2
Current rating (amps)	200
Voltage rating (VAC)	120/240, 1Ø
Utility voltage monitor (fixed)* *-Pick-up* *-Dropout*	 80% 65%
Return to Utility*	Approx. 13 sec
Exercises bi-weekly for 5 minutes*	Standard
ETL or UL listed	Standard
Enclosure type	NEMA 3R
Circuit breaker protected	22,000
Lug range	250 MCM - #6

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

Dimensions

	200 Amps 120/240, 1ø Open Transition Service Rated				
	Height		Width		Depth
	H1	H2	W1	W2	
in	26.8	30.1	10.5	13.5	6.9
cm	67.95	76.43	26.67	34.18	17.5

Wire Ranges		
Conductor Lug	Neutral Lug	Ground Lug
250 MCM - #6	350 MCM - #6	2/0 - #14



GENERAC

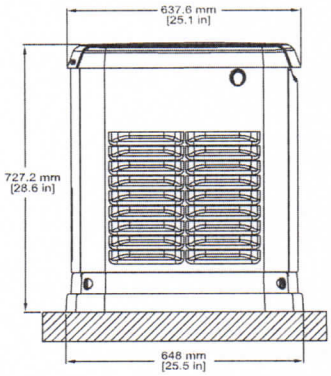
20/22/24 kW

Available Accessories

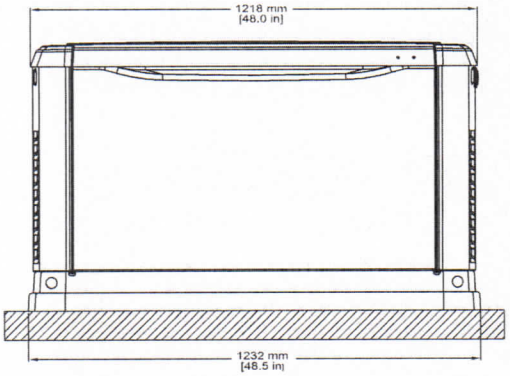
Model #	Product	Description
G005819-0	26R Wet Cell Battery	Every standby generator requires a battery to start the system. Generac offers the recommended 26R wet cell battery for use with all air-cooled standby product (excluding PowerPact®).
G007101-0	Battery Pad Warmer	Pad warmer rests under the battery. Recommended for use if 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 temperature regularly falls below 0 °F (-18 °C).
G007103-1	Breather Warmer	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 that may not be needed. Not compatible with 50 amp pre-wired switches.
G007027-0 - Bisque	Fascia Base Wrap Kit (Standard on 22/24 kW)	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 touch-up paint kit includes the necessary paint to correctly maintain or touch up a generator enclosure.
G006485-0	Scheduled Maintenance Kit	Generac's scheduled maintenance kit provides all the items necessary to perform complete routine maintenance on a Generac automatic standby generator (oil not included).
G007005-0	Wi-Fi LP Tank Fuel Level Monitor	The Wi-Fi enabled LP tank 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 amp) G007006-0 (100 amp)	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 G007170-0 - Wi-Fi/ Ethernet	Mobile Link® Cellular Accessories	The Mobile Link family of Cellular Accessories allow users to monitor generator status from anywhere in the world, using a smart phone, 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.
G007220-0 - Bisque	Base Plug Kit	Base plugs snap into the lifting holes on the base of air-cooled home standby generators. This offers a sleek, contoured appearance, as well as offers protection from rodents and insects by covering the lifting holes located in the base. Kit contains four plugs, sufficient for use on a single air-cooled home standby generator.

Dimensions & UPCs

Model	UPC
G007038-1	696471074185
G007038-3	696471074185
G007039-1	696471074192
G007039-3	696471074192
G007042-2	696471074208
G007042-3	696471074208
G007043-2	696471074215
G007043-3	696471074215
G007209-0	696471071511
G007210-0	696471078220



LEFT SIDE VIEW



FRONT VIEW

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

GENERAC

Generac Power Systems, Inc. • S45 W29290 HWY. 59, Waukesha, WI 53189 • generac.com