OFFICE OF THE
BUILDING INSPECTOR
COLUMBIA COUNTY, FLORIDA

INSTRUCTIONS:

1. Fill out this form completely. Just because you have spoken with the power company does not change the information needed by the Building Department.

2. Bring this completed form to the Building Department. The inspection fee is $50.00. Once the form and payment are received the inspection will be set up for the date requested.

You must also contact your power company to coordinate their disconnection with our inspection date, so the power is not off for a long time period. The Building Department will automatically release your power to the power company if the inspection passes.

INSPECTION DATE REQUESTED _____

NOTE: Inspections are scheduled for the day after it is received. Therefore make your request at least one day before you will be disconnecting power.

PROPERTY OWNER INFORMATION:

NAME Steven Maiello PHONE 352-629-8617

OTHER NAME _____

911 ADDRESS 731 NW Bridgewater Terrace Lake City, Fl 32055

SUBDIVISION Cobblestone

DIRECTIONS (R) onto NE Hernando Ave./(L) onto NE Madison St/Rd name changes to NW Madison St/(R) onto US-41N/(L) onto NW Longst/ (R) onto CR-129/(R) onto NW Bridgewater Terrace.

CONTRACTOR Christopher Shea PHONE 352-629-8617

CONTRACTOR LICENSE NUMBER Trademark Electric 352-629-8617

THIS IS AN AUTHORIZATION TO:

☑ SERVICE CHANGE TO generator (EX: House, Mobile Home, Shed)

METER # 207 302 102 (or) 401 634 840 not sure which # is the meter #

*** OR AN (Only one is required. Meter or Account #.)

ACCOUNT # _____

POWER COMPANY: (Check the Power Company Name)

☐ CLAY ELECTRIC

☑ FLORIDA POWER & LIGHT

☐ SUWANNEE VALLEY ELECTRIC

☐ DUKE ENERGY

☐ SLASH PINE ELECTRIC

OFFICE USE

_____
Inspected By

_____
Release Number

Revised 7-1-15

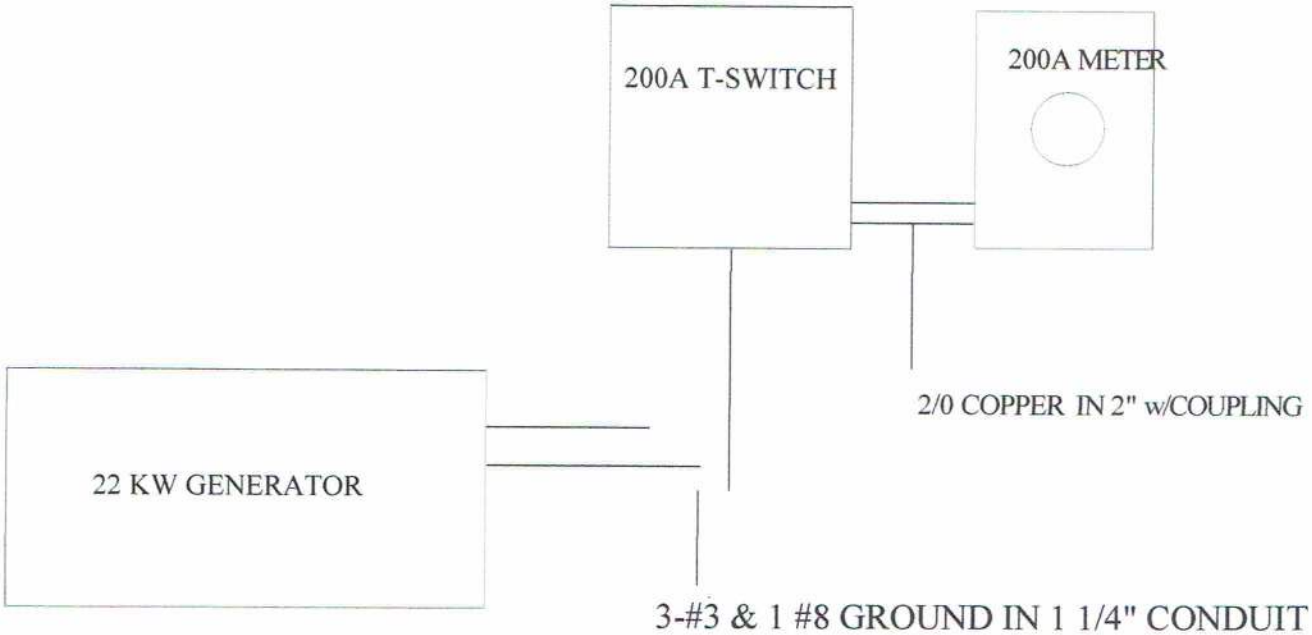
_____ Fee

135 NE Hernando Ave, Lake City, FL 32056
Phone: 386-758-1008 ~ Fax: 386-758-2160

TRADEMARK ELECTRIC, INC

DATE: 05/30/20

Maiello, Steven



100 amp main breaker

TRADEMARK ELECTRIC INC.
3621 NW 27th Avenue
OCALA, FL 34475
(352) 629-8617
www.trademarkelect.com

Sizing Report

Rated Nominal Voltage	240
Generator Fuel Choice	Propane
Sizing Method (NEC 220)	Part IV

(Part III required for selected circuit implementation, Both valid for whole house)

General Lighting & Receptacles		Load (kW)
Square Footage Being Covered (ft^2)	3300	9.9
Small Appliance Circuits (20 amps)		
Kitchen Circuits	2	3
Laundry Circuits	1	1.5

Fixed-In-Place Appliances & Motors	Managed Loads	Estimated (kW)	Nameplate (amps)	240 V	Load (kW)
Dryer		5.5		X	5.5
Dishwasher		1.5			1.5
Refrigerator		0.8			0.8
Freezer		0.8			0.8
Refrigerator		0.8			0.8
Water Heater		5.0		X	5.0
Water Heater		5.0		X	5.0
Well Pump		1.5	10	X	2.4

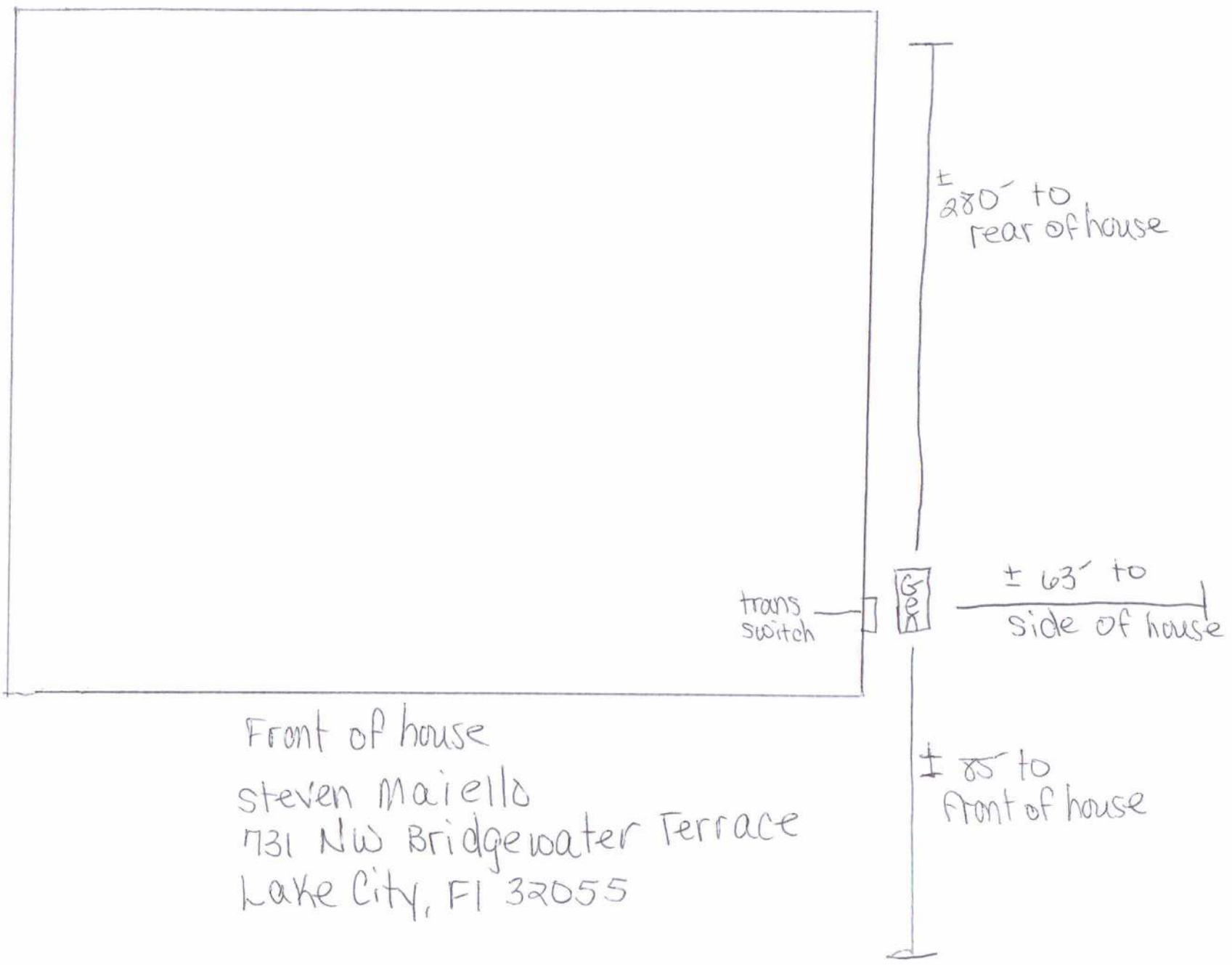
Air Conditioning & Cooling	Managed Loads	Estimated (kW)	Nameplate (amps)	240 V	Load (kW)
5.0 Ton Unit	X	5.0		X	0.0

Heating & Heat Pumps	Managed Loads	Estimated (kW)	Nameplate (amps)	240 V	Load (kW)
Heat Pump (5 Ton)	X	5.0		X	0.0
Heat Pump Electric Element	X	5.0	41	X	0.0

Transient Requirement	Estimated (LRA)	Actual (LRA)	Utilized (LRA)
Largest Motor's Starting Amps (LRA)	144	0	144

Summary NEC Load	Load (kW)	NEC Required
General Lighting & Receptacles	14.4	
Fixed-in-Place Appliances & Motors	21.8	
Sum of all General Loads	36.2	20.5
Cooling	0.0	0.0
Heating (w/demand factors)	0.0	0.0
Larger of Heating & Cooling	0.0	0.0
Sizing based on requirements of NEC Article 220, Part IV		20.5
Elevation		0 ft
Minimum size generator for motor starting requirements		20
BTU load required		355000

22 kW Generac Model Generator Recommended



steven Maiello
731 NW Bridgewater Terrace
Lake City, FL 32055

16/20/22 kW

GENERAC®

GUARDIAN® SERIES
Residential Standby Generators
Air-Cooled Gas Engine

INCLUDES:

- True Power™ Electrical Technology
- Two Line LCD Multilingual Digital Evolution™ Controller (English/Spanish/French/Portuguese)
- Two Transfer Switch Options Available: 100 Amp, 16 Circuit Switch or 200 Amp Service Rated Smart Switch. See Page 4 for Details.
- Electronic Governor
- Standard Wi-Fi™ Remote Monitoring
- System Status & Maintenance Interval LED Indicators
- Sound Attenuated Enclosure
- Flexible Fuel Line Connector
- Direct-To-Dirt Composite Mounting Pad
- Natural Gas or LP Gas Operation
- 5 Year Limited Warranty
- Listed and Labeled by the Southwest Research Institute allowing installation as close as 18" (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_Rev8.pdf

Standby Power Rating

Models G007036-1, G007037-1 (Aluminum - Bisque) - 16 kW 60 Hz
Model G007035-1 (Aluminum - Bisque) - 16 kW 60 Hz
Models G007039-1, G007038-1 (Aluminum - Bisque) - 20 kW 60 Hz
Models G007043-2, G007042-2 (Aluminum - Bisque) - 22 kW 60 Hz

c UL us LISTED QUIET TEST™ Mobile Link

Note: CUL certification only applies to unbundled units and units packaged with limited circuit switches. Units packaged with the Smart Switch are 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™ REMOTE MONITORING:** FREE with every Guardian Series Home standby generator. Allows you to monitor the status of your generator from anywhere in the world using a smartphone, tablet, or PC. Easily access information such as the current operating status and maintenance alerts. Connect your account to your authorized service dealer for fast, friendly and proactive service. With Mobile Link, you 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 includes its own transfer systems and controls for total system compatibility.

THE GENERAC PROMISE

USA · 24/7 • 365 · 5 YEAR LIMITED WARRANTY · Mobile Link · ISO 9001:2008

* Assembled in the USA using domestic and foreign parts

16/20/22 kW

GENERAC

features and benefits

Engine

Generac G-Force design	Maximizes engine "breathing" for increased fuel efficiency. Plateau honed cylinder walls and plasma moly rings helps the engine run cooler, reducing oil consumption 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, ight 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	Regulates the output voltage to ±1% prevents damaging voltage spikes.
UL 2200 listed	For your safety.

Transfer Switch (if applicable)

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

Evolution™ Controls

Auto/Manual/Off illuminated buttons	Selects the operating mode and provides easy, at-a-glance status indication in any condition.
Two-line LCD multilingual display	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 ensure 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	Ensures 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.

Unit

SAE weather protective enclosure	Sound attenuated enclosures ensure quiet operation and protection against mother nature, withstanding winds up to 150 mph. 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" away from a building.

GENERAC

features and benefits

Installation System

1 ft (305 mm) flexible fuel line connector	Absorbs any generator vibration when connected to rigid pipe.
Direct-to-dirt composite mounting pad	Complex lattice design prevents settling or sinking of the generator system.
Integral sediment trap	Prevents particles and moisture from entering the fuel regulator and engine, prolonging engine life.

Remote Monitoring

Ability to view generator status	Monitor your generator via your 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 your 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

16/20/22 kW

GENERAC

specifications

Generator

Model	G007035-1, G007036-1, G007037-1 (16 kW)	G007038-1, G007039-1 (20 kW)	G007042-2, G007043-2 (22 kW)
Rated Maximum Continuous Power Capacity (LP)	16,000 Watts*	20,000 Watts*	20,000 Watts*
Rated Maximum Continuous Power Capacity (NG)	16,000 Watts*	18,000 Watts*	19,500 Watts *
Rated Voltage	240	240	240
Rated Maximum Continuous Load Current – 240 Volts (LP/NG)	66.7/66.7	83.3/75.0	91.7/81.3
Total Harmonic Distortion	Less than 5%	Less than 5%	Less than 5%
Main Line Circuit Breaker	70 Amp	90 Amp	100 Amp
Phase	1	1	1
Number of Rotor Poles	2	2	2
Rated AC Frequency	60 Hz	60 Hz	60Hz
Power Factor	1.0	1.0	1.0
Battery Requirement (not included)	12 Volts, Group 26R 540 CCA Minimum or Group 35AGM 650 CCA Minimum		
Unit Weight (lb/kg)	409/186	448/203	466/211
Dimensions (L x W x H) in/mm	48 x 25 x 29/1218 x 638 x 732		
Sound output in dB(A) at 23 ft (7 m) with generator operating at normal load**	66	66	67
Sound output in dB(A) at 23 ft (7 m) with generator in Quiet-Test™ low-speed exercise mode**	58	58	58
Exercise duration	5 min	5 min	5 min

Engine

Type of Engine		GENERAC G-Force 1000 Series		
Number of Cylinders		2	2	2
Displacement		999 cc	999 cc	999 cc
Cylinder Block		Aluminum w/ Cast Iron Sleeve		
Valve Arrangement		Overhead Valve	Overhead Valve	Overhead Valve
Ignition System		Solid-state w/ Magneto	Solid-state w/ Magneto	Solid-state w/ Magneto
Governor System		Electronic	Electronic	Electronic
Compression Ratio		9.5:1	9.5:1	9.5:1
Starter		12 VDC	12 VDC	12 VDC
Oil Capacity Including Filter		Approx. 1.9 qt/1.8 L	Approx. 1.9 qt/1.8 L	Approx. 1.9 qt/1.8 L
Operating rpm		3,600	3,600	3,600
Fuel Consumption				
Natural Gas	ft^3/hr (m^3/hr)			
	1/2 Load	218 (6.17)	204 (5.78)	228 (6.46)
	Full Load	309 (8.75)	301 (8.52)	327 (9.26)
Liquid Propane	ft^3/hr (gal/hr) [l/hr]			
	1/2 Load	74 (2.03) [7.70]	87 (2.37) [8.99]	92 (2.53) [9.57]
	Full Load	107 (2.94) [11.11]	130 (3.56) [13.48]	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" water column (7-13 mm mercury) for natural gas, 10-12" water column (19-22 mm mercury) for LP gas. For BTU content, multiply ft^3/hr x 2500 (LP) or ft^3/hr x 1000 (NG). For Megajoule content, multiply m^3/hr x 93.15 (LP) or m^3/hr x 37.25 (NG)

Controls

Two-Line Plain Text Multilingual LCD Display	Simple user interface for ease of operation.
Mode Buttons:Auto	Automatic Start on Utility failure. 7 day 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 about 3.5 percent for each 1,000 feet (304.8 meters) above sea level, and also will decrease about 1 percent for each 6 °C (10 °F) above 16 °C (60 °F)

16/20/22 kW

GENERAC
switch options

Limited Circuits Switch Features

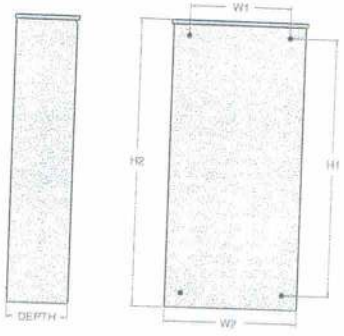
- 16 space, 24 circuit, breakers not included.
- Electrically operated, mechanically-held contacts for fast, positive connections
- Rated for all classes of load, 100% equipment rated, both inductive and resistive.
- 2-pole, 250 VAC contactors.
- 30 millisecond transfer time.
- Dual coil design.
- Rated 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" standard, tandem, GFCI and AFCI breakers from Siemens, Murray, Eaton and Square D for the most flexible and cost effective install.

Model	G007036-1 (16kW)
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
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

Dimensions

	Height		Width		Depth
	H1	H2	W1	W2	
in	26.75	30.1	10.5	13.5	6.91
mm	679.4	764.3	266.7	343.0	175.4



Wire Ranges		
Conductor Lug	Neutral Lug	Ground Lug
1/0 - #14	2/0 - #14	2/0 - #14

Service Rated Smart Switch Features

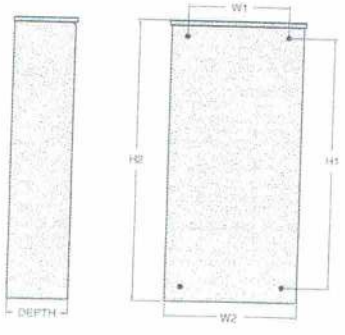
- Includes Digital Power Management Technology standard (DPM).
- Intelligently manages up to four air conditioner loads with no additional hardware.
- Up to four more large (240 VAC) loads can be managed when used in conjunction with Smart Management Modules (SMMs).
- Electrically operated, mechanically-held 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	G007037-1 (16 kW)/G007039-1 (20 kW)/ G007043-2 (22 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*	approx. 13 sec
Exercises bi-weekly for 5 minutes*	Standard
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

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	6.91
mm	679.4	764.3	266.7	343.0	175.4



16/20/22 kW

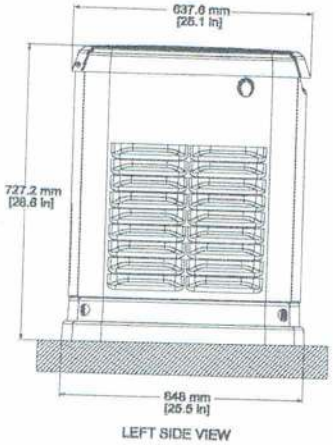
GENERAC

available accessories

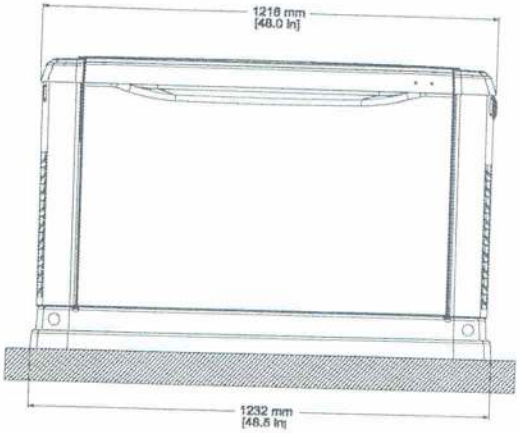
Model #	Product	Description
G007005-0	Wi-Fi LP Fuel Level Monitor	The Wi-Fi enabled LP fuel level monitor provides constant monitoring of the connected LP fuel tank. Monitoring the LP tank's fuel level is an important step in making sure your generator is ready to run during an unexpected power failure. Status alerts are available through a free application to notify when your LP tank is in need of a refill.
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. (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.
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 (Standard on 22 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	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 properly maintain or touch-up a generator enclosure.
G006485-0	Scheduled Maintenance Kit	Generac's scheduled maintenance kits provide all the hardware necessary to perform complete routine maintenance on a Generac automatic standby generator.
G006873-0	Smart Management Module (50 Amps)	Smart Management Modules are used in conjunction with the Automatic Transfer Switch to increase its power management capabilities. It provides additional power management flexibility not found in any other power management system.

dimensions & UPCs

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



LEFT SIDE VIEW



FRONT VIEW

Model	UPC
G007035-1	696471074161
G007036-1	696471074154
G007037-1	696471074178
G007038-1	696471074185
G007039-1	696471074192
G007042-2	696471074208
G007043-2	696471074215

GENERAC

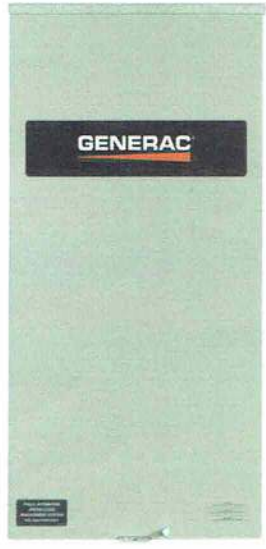
Generac Power Systems, Inc. • S45 W29290 HWY. 59, Waukesha, WI 53189 • generac.com

Automatic Transfer Switches

GENERAC®

Service and non-Service rated Automatic Smart Transfer Switches

100 - 400 Amps, Single Phase



c UL us LISTED

USA ENGINEERED & BUILT*

*Built in the USA using domestic and foreign parts

*CUL only applies to non-service rated switches

Description

Generac Automatic Transfer Switches are designed for use with single phase generators that utilize an Evolution™ or Nexus™ Controller. The 100, 200, and 400 amp open transition switches are available in single phase in both service equipment rated and non-service equipment rated configurations. The 150 and 300 amp open transition switches are only available in a service rated equipment configuration.

Standard Features

Service rated (RXSW) Generac Automatic Transfer Switches are housed in an aluminum NEMA/UL Type 3R enclosure*, with electrostatically applied and baked powder paint. The Heavy Duty Generac Contactor is a UL recognized device, designed for years of service. The controller at the generator handles all the timing, sensing, exercising functions, and transfer commands. All switches are covered by a 5 year limited warranty.

* Non-service rated (RXSC) switches are housed in a steel enclosure.

DPM Technology

Through the use of digital power technology (DPM), these switches have the capability to manage up to 4 individual HVAC (24 VAC controlled) loads with no additional hardware. When used in tandem with Smart Management Modules, up to 8 more loads can be managed as well, providing the most installation efficient power management options available.

GENERAC® ISO 9001:2008

GENERAC

100-400 Amps, Single Phase — Automatic Smart Transfer Switches

Functions

All timing and sensing functions originate in the generator controller

Utility voltage drop-out	<65%
Timer to generator start	10 second factory set, adjustable between 2-1500 seconds by a qualified dealer*
Engine warm up delay	5 seconds
Standby voltage sensor	65% for 5 seconds
Utility voltage pickup	>80%
Re-transfer time delay	15 seconds
Engine cool-down timer	60 seconds
Exerciser	5 or 12 minutes adjustable weekly/Bi-weekly/Monthly**

The transfer switch can be operated manually without power applied.

*When used in conjunction with units utilizing Evolution™ controls **Adjustable via the controller

Specifications

Model	RXSC100A3	RXSW100A3	RXSW150A3	RXSC200A3	RXSW200A3	RXSW300A3	RXSC400A3	RXSW400A3
Amps	100	100	150	200	200	300	400	400
Voltage	120/240, 1ø	120/240, 1ø	120/240, 1ø	120/240, 1ø	120/240, 1ø	120/240, 1ø	120/240, 1ø	120/240, 1ø
Load Transition Type (Automatic)	Open Transition	Open Transition Service Rated	Open Transition Service Rated	Open Transition	Open Transition Service Rated	Open Transition Service Rated	Open Transition	Open Transition Service Rated
Enclosure Type	NEMA/UL 3R	NEMA/UL 3R	NEMA/UL 3R	NEMA/UL 3R	NEMA/UL 3R	NEMA/UL 3R	NEMA/UL 3R	NEMA/UL 3R
UL Rating	UL/CUL	UL	UL	UL/CUL	UL	UL	UL/CUL	UL
Withstand Rating (Amps)	10,000	10,000	22,000	10,000	22,000	22,000	22,000	22,000
Lug Range	1/0 - #14		250 MCM - #6			600 MCM - #4 or 1/0 - 250 MCM		

Dimensions

Model		RXSC100A3	RXSW100A3	RXSW150A3	RXSC200A3	RXSW200A3	RXSW300A3	RXSC400A3	RXSW400A3
Height (in./mm)	H1	17.24/437.9	17.24/437.9	26.75/679.4	17.24/437.9	26.75/679.4	42.91/1089.9	31.25/793.8	42.91/1089.9
	H2	20/508	20/508	30/762	20/508	30/762	48/1219.2	36/914.4	48/1219.2
Width (in./mm)	W1	12.5/317.5	12.5/317.5	10.5/266.7	12.5/317.5	10.5/266.7	16.69/423.9	19.18/487.2	16.69/423.9
	W2	14.6/370.8	14.6/370.8	13.5/342.9	14.6/370.8	13.5/342.9	21.82/554.2	24/609.6	21.82/554.2
Depth (in./mm)		7.09/180.1	7.09/180.1	6.3/160.1	7.09/180.1	6.3/160.1	10.06/255.5	10.06/255.5	10.06/255.5
Weight (lbs./kilos)		20/9.07	22.5/10.21	39/17.69	20/9.07	39/17.69	140/63.5	133/60.33	140/63.5