

A. Existing #4 Bare Copper to two 8' groundrods spaced 6' apart

- B. 2" PVC W/ three 2/0 THHN
- C. 2" PVC W/ three 2/0 THHN & one #6 THHN
- D. 1.5" PVC W/ three #1 THWN, one #6 THWN and six #18 TFFN

Riser For: Linda Avram

Trademark Electric, Inc. 3621 NW 27th Ave. Ocala, FI 34475





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

Square Footage Being Covered (ft^2) 1900 5.7

Small Appliance Circuits (20 amps)

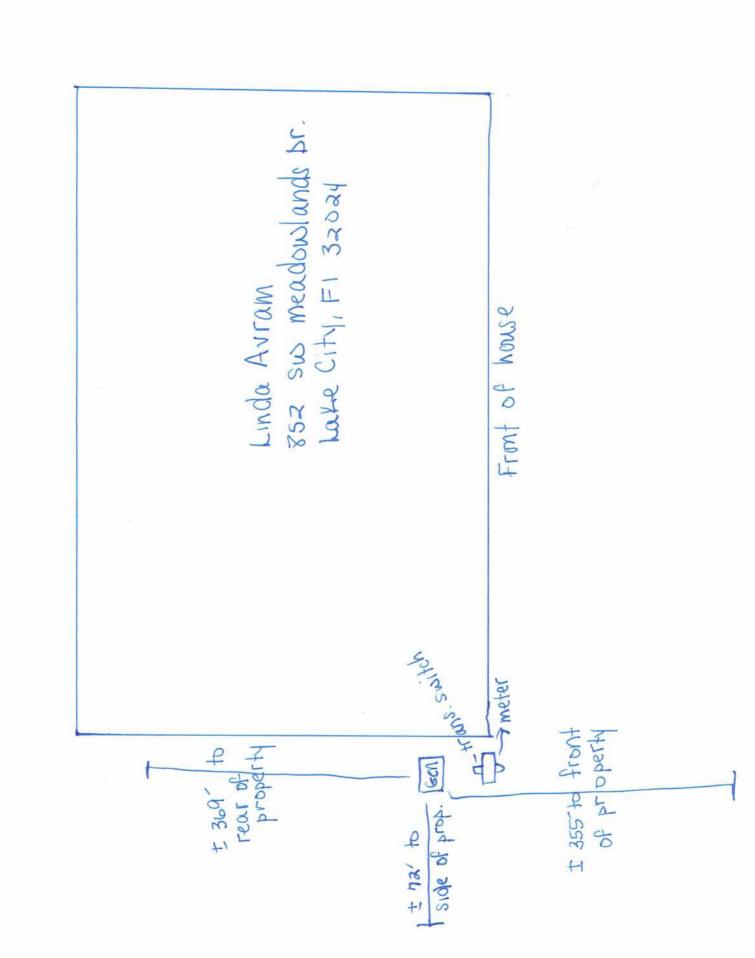
Kitchen Circuits 2 3

Laundry Circuits 1 1 1.5

Fixed-In-Place Appliances & Motors	Managed Loads	Estimated (kW)	Nameplate (amps)	240 V	Load (kW)
Dryer		5.5		X	5.5
Microwave		1.3			1.3
Water Heater		5.0		X	5.0
Dishwasher		1.5			1.5
Refrigerator		0.8			0.8
Freezer		0.8			0.8
Pool Pump		2.0			2.0
Well Pump		1.5		X	1.5
Air Conditioning & Cooling	Managed Loads	Estimated (kW)	Nameplate (amps)	240 V	Load (kW)
3.5 Ton Unit		3.5		X	3.5
1.5 Ton Unit		1.5		X	1.5
1.5 Ton Unit		1.5		×	1.5
Heating & Heat Pumps	Managed Loads	Estimated (kW)	Nameplate (amps)	240 V	Load (kW)
Heat Pump Electric Element		5.0	30	X	7.2
Transient Requirement		Estimated (LRA)	Actual (LRA)		Utilized (LRA)
Largest Motor's Starting Amps (LRA)		101	0		101

Summary NEC Load	Load (kW)	NEC Required
General Lighting & Receptacles	10.2	
Fixed-in-Place Appliances & Motors	18.4	
Sum of all General Loads	28.5	17.4
Cooling	6.5	6.5
Heating (w/demand factors)	7.2	4.7
Larger of Heating & Cooling	7.2	6.5
Sizing based on requirements of NEC Article 220, Part IV		23.9
Elevation		0 ft
Minimum size generator for motor starting requirements		16
BTU load required		355000

24 kW Generac Model Generator Recommended







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://assels.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, G0077043-3 (Aluminum - Bisque) - 22 kW 60 Hz G007209-0, G007210-0 (Aluminum - Bisque) - 24 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

- erac's success in providing the most reliable generators possible. Generac's GForce 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.
- THE 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.
- O TEST CRITISHA:
 - PROTOTYPE TESTED
 SYSTEM TORSIONAL TESTED
- NEMA MG1-22 EVALUATION MOTOR STARTING ABILITY
- 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.

- SALDI-STATE, FISCOURICY CONTENSATED VOLTAGE REGILATION: 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 vo tage regulation at ±1%.
- SINGLE SOURCE SETAICE HESPONSE 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 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.
- 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.













GENERAC

Features and Benefits

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

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.

Rigid construction and added durability provide long engine life.

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

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.

Shutdown protection prevents catastrophic engine damage due to low oil.

Prevents damage due to overheating.

Generator

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

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 motor starting capability.

maximizes motor starting capability.

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

For your safety.

Transfer Switch (if applicable)

- Fully automatic
- NEMA 3R
- Integrated load management technology
- Remote mounting

Transfers vital electrical loads to the energized source of power.

Can be installed inside or outside for maximum flexibility.

Capability to manage additional loads for efficient power management.

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

PWBview Transfer Switch (if applicable)

- PWRview energy monitor
- Ability to view real-time energy consumption data
- PWRview mobile app

Energy usage at-a-glance.

Better understand the home's energy profile.

Access daily energy intelligence and insights.

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

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

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

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. Also 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 cepending on outdoor air temperature.

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

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

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

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

Compatible with lead acid and AGM-style batteries.

Protects generator from overload.

Maintains constant 60 Hz frequency.

- Smart battery charger
- Main line circuit breaker
- Electronic governor

GENERAC

Features and Benefits

Unit

- SAE weather protective enclosure
- Enclosed critical grade muffler
- Small, compact, attractive

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.

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
- Meets IFGC and NFPA 54 installation requirements.

Connectivity (Wi-Fi equipped models only)

- 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 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 the 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.



Specifications

Mode	Generator					- Control of the Cont
Rated maximum conlinuous power capacity (LP) Rated maximum conlinuous power capacity (LP) Rated maximum conlinuous power capacity (LP) Rated maximum conlinuous power capacity (NO) Rated Maximum conlinu						
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Rated maximum continuous load current	Rated voltage	18,000 Watts*		and and street		
Total Harmonic Distortion Section Sectio				Office Marie	19,000 Walls	21,000 Watts
Main line circuit breaker 90 amp 100 amp	Total Harmonic Distortion	83.3 / 75.0	91.7 / 81.3		017/010	
Phase 90 amp 100 amp 90 amp 100 amp	Main line citcuit brooker		21117 0110		91.7/81.3	100 / 87.5
Number of rotor poles 1 1 2 2 2 2 2 2 2 2		90 amp	100 amn		400	
Rated AC frequency Company Com			roo amp	eo amp	100 amp	100 amp
Power factor				1		
Battery requirement (not included)						
Street S						
Dimensions (L. W x H) in / cm	Battery requirement (not included)	12	Volla Comm non 540			
### ### ##############################		449 / 202	voits, Group 26R 540	CCA minimum or Group 35/	AGM 650 CCA mini	mum
Sound output in dB(A) at 23 ft (7 m) with generator in Quitet-Test*** fow-speed exercise mode*** Sound output in dB(A) at 23 ft (7 m) with generator in Quitet-Test*** fow-speed exercise mode*** Sound output in dB(A) at 23 ft (7 m) with generator in Quitet-Test*** fow-speed exercise mode*** Sound output in dB(A) at 23 ft (7 m) with generator in Quitet-Test*** fow-speed exercise mode*** Sound output in dB(A) at 23 ft (7 m) with generator in Quitet-Test*** fow-speed exercise mode*** Sound output in dB(A) at 23 ft (7 m) with generator in Quitet-Test*** for 55 ft 7 ft 57 ft 5	Dimensions (L x W x H) in / cm	440 / 203			445 / 202	455 / 206
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Service Serv	Sound output in dB(A) at 23 ft (7 m) with generator in Quiet-Toet in low enough everyles made to			67	67	67
Smire Smir	Exercise duration	55	57	55	57	
### Spin Spin	Engine			5 mir		
2 999 cc 999 cc	Engine type					12000000
2 999 cc 999 cc	Number of cylinders		GE	NERAC G-Force 1000 Series		
Sylinder block 999 cc Aluminum w/ cast iron sleeve Alu						
Aluminum w/ cast iron sleeve Overhead valve Overhead valve Overhead valve Overhead valve Solid-state w/ magneto Electronic John Compression ratio Ideapacity Including filter Overhead valve Solid-state w/ magneto Electronic John Compression ratio Ideapacity Including filter Overhead valve Solid-state w/ magneto Electronic John Compression ratio Approx. 1.9 qt / 1.8 L Ap				999 cc		
Overhead valve Solid-state w/ magneto Solid-s			All	uminum w/ cast iron sleeve		
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Electronic Starter S						
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X-7-C-79-8-X-8-C-7-S-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2	
Two-line plain text multilingual LCD Mode buttons: AUTO	Simple user interface for case of operation.
MANUAL	Automatic start on utility failure. Weekly, Bi-weekly, or Monthly selectable exerciser.
OFF.	Start with starter control, unit stays on. If utility fails, transfer to load takes place.
Ready to Run/Maintenance messages	Stops unit. Power is removed. Control and charger still operate.
Engine run hours indication	Standard
Programmable start delay between 2–1500 seconds	Standard
Utility Voltage Loss/Return to Utility adjustable (brownout setting)	Standard (programmable by deafer only)
Future Set Capable Exerciser/Exercise Set Error warning	From 140-171 V / 190-216 V
Run/Alarm/Maintenance logs	Standard
Engine start sequence	50 events each
Starter lock-out	Cyclic cranking: 16 sec on, 7 rest (90 sec maximum duration).
	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
Overgrank/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 deperator. Sound levels taken from other cides of the	he consister may be higher depending on installation parameters. Define definitions. Charlies Applicable for

^{**}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. Rading 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 BSS514, ISO3046 and DIN6271). * Maximum kilovoit 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 1% for each 10°F (6°C) above 60°F (16°C).

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 coll 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.

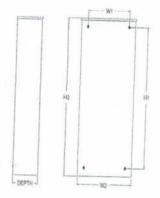
Dimensions

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

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

Model	G007039-1, G007039-3 (20 kW)
No. of poles	G007043-2, G007043-3 (22 kW)
Current rating (amps)	200
Voltage rating (VAC)	120/240, 1Ø
Utility voltage monitor (fixed)* -Pick-up -Oropout	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
	200 1110111 1110

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



PMRview 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.

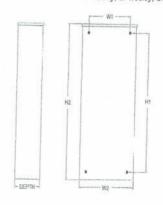
Dimensions

			mps 120/2 nsition Serv		
	Height		W	Width	
	H1	H2	W1	W2	Depth
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

Model	G007210-0 (24 kW)
No. of poles	2
Current rating (amps)	200
Voltage rating (VAC)	120/240, 1Ø
Utility voltage monitor (fixed)*	140/210/12
-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
*Formalism of F. J. H	

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



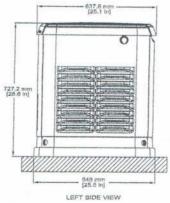
GENERAC*

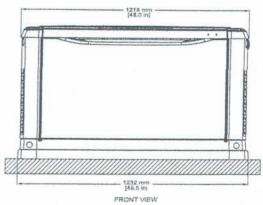
Available Accessories

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	(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 ald in recovery when overloaded. In many cases, using SMM's can reduce the overall size and cost of the system.
	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 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
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Dimensions shown are approximate. See installation manual for exact dimensions. DO NOT USE THESE DIMENSIONS FOR INSTALLATION PURPOSES.





Automatic Transfer Switches



Service Rated **Automatic Smart Transfer Switch** with 20-40 Circuit Load Center

200 Amps, Single Phase









Description

Generac Transfer Switches are designed for use with single phase generators that utilize an Evolution™ or Nexus™ Controller. The 200 amp open transition switch is a single phase service entrance rated configuration. An integrated load center with pass through lugs allows branch circuit protection for outbuildings, while also feeding a home's main distribution panel.

Standard Features

Service Rated Generac Automatic Transfer Switches are housed in an aluminum Type 3R enclosure, with electrostatically applied and baked powder paint. The Heavy Duty Generac Contactor is an ETL recognized device, designed for years of service. The controller at the generator handles all the timing, sensing, exercising functions, and transfer commands. The integrated 20 space load center accepts 1 in (25.4 mm) standard, GFCI, AFCI, or tandem circuit breakers from Siemens, Murray, Eaton, and Square D for the most flexible and cost effective install. Utilizing tandem breakers, the load center can be equipped to support up to 40 individual circuits. All switches are covered by a 5 year limited warranty.

Load Management Technology

Through the use of the integrated Smart A/C Module (SACM), these switches have the capability to manage up to four individual HVAC (24 VAC controlled) loads with no additional hardware. When used in tandem with external Smart Management Modules (SMM), a total of eight more loads can be managed, providing the most installation efficient power management options available.







Automatic Smart Transfer Switches

200 Amps, Single Phase

Functions

All timing and sensing functions originate in the generator controller.

Utility voltage dropout	
Time to generator start	:65%
Engine warm up delay Second actory set, adjustable between 2-1500 seconds by a qualified dea	aler*
Engine warm up delay 5 second factory set, adjustable between 2–1500 seconds by a qualified dea 5 second seconds by a qualified dea 5 second factory set, adjustable between 2–1500 seconds by a qualified dea 5 second factory set, adjustable between 2–1500 seconds by a qualified dea 5 second factory set, adjustable between 2–1500 seconds by a qualified dea 5 second factory set, adjustable between 2–1500 seconds by a qualified dea 5 second factory set, adjustable between 2–1500 seconds by a qualified dea 5 second factory set, adjustable between 2–1500 seconds by a qualified dea 5 second factory set, adjustable between 2–1500 seconds by a qualified dea 5 second factory set, adjustable between 2–1500 seconds by a qualified dea 5 second factory set, adjustable between 2–1500 second factory set, adjust	onds
Utility voltage pickup	onds
Re-transfer time delay >8 Engine cool-down timer 15 seconds	80%
Engine cool-down timer	onds
Exerciser	onds
5 minutes weekly, adjustable to biweekly or month	othly

The transfer switch can be operated manually without power applied.

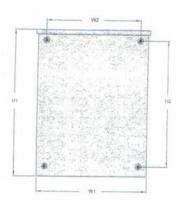
Specifications

Model	RXGW20SHA3
Amps	200
Voltage	120/240, 1ø
Load transition type (automatic)	Open transition service rated
Enclosure type	Type 3R
Compliance	ETL
Withstand rating (amps)	10,000 22,000*
Lug range	#1 - 300 MCM AI/CU 75 C
Integrated load center	20-40
*When used with 1 in (25.4 mm) Siemens or	Murray breakers.

Dimensions and Weight

Model		RXGW20SHA3
Height (in/cm)	H1	38.5 / 97.8
	H2	35.0 / 88.9
Width	W1	17.6 / 44.7
(in/cm)	W2	14.0 / 35.5
Depth (in/cm)		8.0 / 20.3
Weight (lbs/kg)		45 / 20.4







^{*}When used in conjunction with units utilizing Evolution™ controls.