Wire Nuts Electric of South Fla. 237 LaPaloma Road

Key Largo, FL 33037 305-451-0939 (Office) 305-451-4055 (Fax)



August 1, 2014

Key Largo Ambulance Betsy

Dear Betsy,

We are pleased to quote the following ...

1. We will supply and install a 22 KW Generac generator – Model 6552 with an aluminum enclosure and a manual transfer switch on the North end of the building.

2. We will install the manual transfer switch at the existing electric pole.

3. We will install the generator on a wall mounted bracket on the North end of the building. We will supply the bracket.

4. We will use Gas Tech to supply and install a 500 gallon propane tank above the ground at the North end of the building. His price for work is included in our quote. He will pipe from the new tank to the generator.

5. We will pour a concrete pad and strap down the tank.

6. We will supply our own drawings to Monroe County as we will pull a permit for the above work. If they want engineered drawings that will be additional...generally \$300-\$500. Sometimes they take our drawings and sometimes not.

PRICE: \$16,950.00

- 7. We will supply and replace the existing generator with a new 22 KW Generac generator with an aluminum enclosure Model 6552.
- 8. We will reconnect the existing propane and electric.

PRICE: \$8,400.00

NOTES:

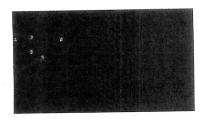
- A. No permit fees included. This is generally around \$200. I cannot estimate their costs as they vary.
- B. If you want the propane tank in the ground add \$1,500.
- C. Any other work not needed that is not included in the above scope of work can be done at additional costs.

Please feel free to call to discuss any questions you may have. Thank you.

All material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard practices. Any alteration or deviation from above specifications involving extra costs will become an extra charge over and above the estimate. All arrangements contingent upon strikes, accidents or delays beyond our control. This proposal subject to acceptance within 90 days and is void thereafter at the option of the undersigned.

Sincerely,

Steven L. Caputo Owner/Operator





GENERAC

GUARDIAN® SERIES

Residential Standby Generators
Air-Cooled Gas Engine

Standby Power Rating

Models 006459-0, 006461-0, 006462-0 (Steel - Bisque) - 16 kW 60 Hz Model 006721-0 (Aluminum - Gray) - 16 kW 60 Hz Models 006729-0, 006730-0 (Steel - Bisque) - 20 kW 60 Hz Models 006551-0, 006552-0 (Aluminum - Gray) - 22 kW 60 Hz









Note: CUL certification only applies to unbundled units and units packaged with pre-wired switches. Units packaged with the Smart Switch are UL certified in the USA only.

*Only if located away from doors, windows and fresh air intakes, and unless otherwise directed by local codes.

INCLUDES:

- True Power™ Electrical Technology
- Two Line LCD Multilingual Digital Evolution™ Controller (English/Spanish/ French/Portuguese)
- Two Transfer Switch Options Available: 100 Amp Pre-Wired Switch or 200 Amp Smart Switch.
 See Page 4 for Details.
- · Electronic Governor
- External Main Circuit Breaker, System Status & Maintenance Interval LED Indicators
- GFCI Duplex Outlet
- Sound Attenuated Enclosure
- Flexible Fuel Line Connector
- Composite Mounting Pad
- Natural Gas or LP Gas Operation
- 5 Year Limited Warranty
- Capability to be installed within 18" (457 mm) of a building*

FEATURES

- INNOVATIVE DESIGN & PROTOTYPE TESTING are key components of GENERAC'S success in "IMPROVING POWER BY DESIGN." But it doesn't stop there. Total commitment to component testing, reliability testing, environmental testing, destruction and life testing, plus testing to applicable CSA, NEMA, EGSA, and other standards, allows you to choose GENERAC POWER SYSTEMS with the confidence that these systems will provide superior performance.
- 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.
- O TEST CRITERIA:
 - ✓ PROTOTYPE TESTED
 - SYSTEM TORSIONAL TESTED
- NEMA MG1-22 EVALUATIONMOTOR STARTING ABILITY

- 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.







features and benefits

| IU/ZU/ZZ KVV | |
|--|--|
| Engine | |
| • Generac (OHVI) 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. |
| Quiet-Test™ | Greatly reduces sound output and fuel consumption during bi-weekly exercise, compared to other brands. |
| "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 | Regulates the output voltage to $\pm 1\%$ prevents damaging voltage spikes. |
| •UL 2200 listed | For your safety. |
| Transfer Switch | |
| •Fully automatic | Transfers your vital electrical loads to the energized source of power. |
| Pre-wired, color-coded condults (Pre-wired switches only) | Ensures the easiest, trouble-free installation. |
| •DPM Technology (Smart Switch only) | Digital Power Management Technology allows for the smart control of two air conditioners without any additional items. |
| 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 60% 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 exerciser | 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 an 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. |
| • Electronic governor | Maintains constant 60 Hz frequency. |
| Unit | |
| SAE weather protective enclosure | Sound attenuated enclosure ensures 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.* |
| Installation System | |
| •1 ft (305 mm) flexible fuel line connector | |
| Composite mounting pad | Eliminates the need to pour a concrete pad unless required by local municipalities. |
| | |



specifications

| Generator Model | 006459-0, 006461-0, 006462- 0, 006721-0 (16 kW) | 006729-0, 006730-0, (20 kW) | 006551-0, 006552-0 (22 kW) |
|--|--|--|--|
| Rated Maximum Continuous Power Capacity (LP) | 16,000 Watts* | 20,000 Watts* | 22,000 Walts* |
| Rated Maximum Continuous Fower Capacity (Er) | 16,000 Watts* | 18,000 Watts* | 19.500 Watts* |
| Rated Voltage | 240 | 240 | 240 |
| Rated Maximum Continuous Load Current — 240 Volts (LP/NG) | 66.6/66.6 | 83.3/75 | 91,6/81,3 |
| Total Harmonic Distortion | Less than 5% | Less than 5% | Less than 5% |
| Main Line Circuit Breaker | 65 Amp | 90 Amp | 100 Amp |
| Phase | | | |
| 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) | | 26R, 12 Volts and 525 CCA Minim | |
| Unit Weight (Ib/kg) | 513/232.7 (Steel); 448/203.2 (Aluminum) | 516/234.1 | 526/238.6 |
| 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** | 60 | 60 | 58 |
| Exercise duration | 5 min | 5 min | 5 min |
| ingine | | | |
| Type of Engine | GENERAC OHVI V-TWIN | GENERAC OHVI V-TWIN | GENERAC OHVI V-TWIN |
| Number of Cylinders | 2 | 2 | 2 |
| Displacement | 992 cc | 999 cc | 999 cc |
| Cylinder Block | | Aluminum w/ Cast Iron Sleeve | |
| /alve Arrangement | Overhead Valve | Overhead Valve | Overhead Valve |
| gnition 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 |
| Dil 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 ft³/hr (m³/hr) | 100 (5 :=) | 005 (5.0) | 404 /5 04\ |
| 1/2 Load | 193 (5.47) | 205 (5.8) | 184 (5.21) 281 (7.96) |
| Full Load | 312 (8,83) | 308 (8.72) | 201 (7.90) |
| Liquid Propane ft ³ /hr (gal/hr) [l/hr] 1/2 Load | 72.4 (1.99) [7.53] | 75.6 (2.08) [7.87] | 83 (2.16) [8.16] |
| Full Load | 130 (3.57) [13.53] | 140 (3,85) [14,57] | 127 (3,68) [13.99] |
| Note: Fuel pipe must be sized for full load. Required fuel pressure to generator fuel mercury) for LP gas. For Btu content, multiply ft ³ /hr x 2500 (LP) or ft ³ /hr x 1000 (NG). | inlet at all load ranges - 3.5-7" water col- | umn (7-13 mm mercury) for natural da | s, 10-12" water column (19-22 m |
| Controls | | | |
| 2-Line Plain Text Multilingual LCD Display | Sir | mple user interface for ease of operation | 1 |
| 2-Life Plain lext widthingual Cob Display Mode Buttons: Auto | | natic Start on Utility failure. 7 day exerc | |
| Manual | | rol, unit stays on. If utility fails, transfer | AND SALES OF THE S |
| Off | OR. | ower is removed. Control and charger s | |
| Ready to Run/Maintenance Messages | | Standard | |

| 2-1 ine 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/Mai | intenance Messages | Standard |
| Engine Run Hours | | Standard |
| The same and the same and | art delay between 2-1500 seconds | Standard (programmable by dealer only) |
| | ss/Return to Utility Adjustable (Brownout Setting) | From 140-171 V/190-216 V |
| The state of the s | le Exerciser/Exercise Set Error Warning | Standard |
| Run/Alarm/Mainte | | 50 Events Each |
| Engine Start Sequ | the property of the second of | 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 Cha | arger | Standard |
| | ssing AC Warning | Standard |
| | ry Problem Protection and Battery Condition Indication | Standard |
| | e Regulation with Over and Under Voltage Protection | Standard |
| To be a common to the second | /Overload/Stepper Overcurrent Protection | Standard |
| | e Problem Protection | Standard |
| The second secon | il Pressure/High Oil Temperature Shutdowr | Standard |
| | eed (@ 72 Hz)/rpm Sense Loss Shutdown | Standard |
| The second secon | perature Shutdown | Standard |
| | orrect Wiring Protection | Standard |
| Common External | the contract of the second | 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 overfload capability is available for this rating. (All ratings in accordance with BS5514, ISO3046 and DIN6271). * Maximum wattage and current are subject to and limited by such factors as fuel Blu/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).

GENERAC

16/20/22 kW

switch options

Pre-wired Features

available on Steel 16 kW models only

- 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.
- · Main contacts are silver plated or silver alloy to resist welding and sticking.
- NEMA 1 (indoor rated) enclosure is standard on the pre-wired switch.
- Pre-wired 30 foot (9.1 meter) whip to connect to the provided 5 foot prewired whip and external connection box.
- Pre-wired 2 foot (0.61 meter) whip, color coded to connect into the existing electrical panel.

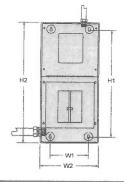
| Model | 006461-0 (16 kW) |
|---|--|
| No. of Poles | |
| Current Rating (Amps) | 100 |
| Voltage Rating (VAC) | 120/240, 10 |
| Utility Voltage Monitor (Fixed)* | The course of th |
| -Pick-up -Dropout | 80% 60% |
| Return to Utility | approx. 15 sec. |
| Exercise weekly for 12 minutes* | Standard |
| UL Listed | Standard |
| Total of Pre-wired Circuits | 16 |
| No. 15 A 120 V | 5 |
| No. 20 A 120 V | 5 |
| No. 20 A 240 V | 1 |
| No. 30 A 240 V | ÷ |
| No. 40 A 240 V | 1 |
| No. 50 A 240 V | 1 |
| Circuit Breaker Protected Available RMS Symmetrical | |
| Fault Current @ 250 Volts | 10,000 |

^{*}Function of Evolution Controller

Dimensions

| Mechanical Dimensions | | | | | | | |
|-----------------------|------|--------------|-----|--------|-------|----------|--|
| | He | Height Width | | Height | | ht Width | |
| | H1 | H2 | W1 | W2 | Depth | | |
| in | 23.5 | 26.4 | 8.3 | 12.6 | 6.3 | | |
| mm | 597 | 671.7 | 211 | 320.7 | 159.6 | | |

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



Smart Switch Features

- Includes Digital Power Management Technology standard (DPM).
- Intelligently manages two air conditioner loads with no additional hardware.
- Up to four more large (120/240 VAC) loads can be managed when used in conjunction with Power Management Modules (PMM**).
- 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.
- NEMA/UL 3R aluminum outdoor enclosure.
- Main contacts are silver plated or silver alloy to resist welding and sticking
- **Note: PMM starter kit is required prior to using the modules.

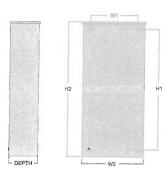
Dimensions

| | 200 Amps 120/240, 1ø Open Transition Service Rated | | | | |
|----|---|-------|-------|-------|-------|
| | Height | | Wi | dth | Donth |
| | H1 | H2 | W1 | W2 | Depth |
| in | 27.24 | 30.0 | 11.4 | 13.5 | 7.09 |
| mm | 692.0 | 762.4 | 289.0 | 343.0 | 180.0 |

Model 006462-0 (16 kW)/006729-0 (20 kW)/006551-0 (22 kW)

| No of Poles | 2 |
|----------------------------------|-----------------|
| Current Rating (Amps) | 200 |
| Voltage Rating (VAC) | 120/240, 10 |
| Utility Voltage Monitor (Fixed)* | |
| -Pick-up | 80% |
| -Dropout | 60% |
| Return to Utility | approx. 13 sec. |
| Exercise weekly for 12 minutes* | Standard |
| UL Listed | Standard |
| Enclosure Type | NEMA/UL 3R |
| Withstand Rating (Amps) | 22,000 |
| Lug Range | 250 MCM - #6 |

^{*}Function of Evolution Controller



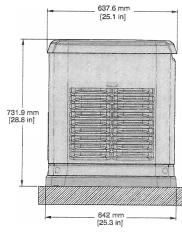
available accessories

| Model # | Product | Description |
|---|--|---|
| 006463-1 | Mobile Link™ | Generac's Mobile Link allows you to check the status of your generator from anywhere that you have access to an Internet connection from a PC or with any smart device. You will even be notified when a change in the generator's status occurs via e-mail or text message. |
| 005819-0 | 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®). |
| 006212-0 | Cold Weather Kit | If the temperature regularly falls below 32 $^{\circ}$ F (0 $^{\circ}$ C), a cold weather kit is required to maintain optimal battery and oil temperatures. Kit consists of a battery warmer and oil filter heater with built-in thermostats. |
| 005621-0 | 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. |
| 005839-0 - Bisque 005666-0 - Gray | 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, |
| 005703-0 - Bisque 005704-0 - Gray | 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. |
| 006484-0 - 16 kW 006485-0 - 20 & 22 kW | Scheduled Maintenance Kit | Generac's scheduled maintenance kits provide all the hardware necessary to perform complete routine maintenance on a Generac automatic standby generator. |
| 006664-0 | Wireless Remote Monitor | Completely wireless and battery powered, Generac's wireless remote monitor provides you with instant status information without ever leaving the house. Not compatible with CorePower or EcoGen systems. |
| 006199-0 | PMM Starter Kit | The PMM Starter Kit consists of a 24 VAC, field installed transformer that enables the use of the 24 VAC Power Management Modules (PMMs) and one PMM. The standard controller (without starter kit) can control two HVAC loads with no additional hardware. Not compatible with pre-wired switches. |
| 006186-0 | Power Management Module (50 Amps) | Power Management Modules are used in conjunction with the Smart Switch to increase its power management capabilities. It gives the Smart Switch additional power management flexibility not found in any other transfer switch. Not compatible with pre-wired switches. Note: PMM Starter Kit required. |

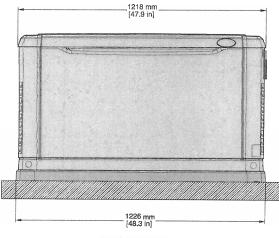
^{*} Note: Bisque kits are used in conjunction with steel enclosures. Gray kits are used in conjunction with aluminum enclosures.

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 | I |
|------------|---|
|------------|---|

| Model | UPC |
|----------|--------------|
| 006459-0 | 696471064599 |
| 0064610 | 696471064612 |
| 006721-0 | 696471067217 |
| 006729-0 | 696471067293 |
| 006730-0 | 696471067309 |
| 006551-0 | 696471065510 |
| 006552-0 | 696471065527 |
| 006462-0 | 696471064629 |

