Honeywell

STANDBY GENERATORS

8 & 11 kW

AIR-COOLED GENERATOR SETS

Standby Power Rating

Model 006703-0 (Aluminum - Dark Gray) - 8 kW 60 Hz
Model 006442-0 (Aluminum - Dark Gray) - 11 kW 60 Hz

INCLUDES

- PrecisionPower™ Electrical Technology
- Two Line LCD Multilingual Digital Controller (English/Spanish/French/Portuguese)
- Electronic Governor
- External Main Circuit Breaker, System Status & Maintenance Interval LED Indicators
- Flexible Fuel Line Connector
- GFCI Duplex Outlet
- WhisperCheck™ Exercise
- Mobile Link™ Cellular Monitoring System*
- Composite Mounting Pad
- Aluminum Enclosure
- Base Fascia
- Natural Gas or LP Gas Operation
- 5 Year Comprehensive Warranty
- Capability to be installed within 18" (457 mm) of a building**

c UL us LISTED

USA ENGINEERED & BUILT*

*Built in the USA using domestic and foreign parts

* Download the free App at Download on the App Store | GET IT ON Google play | Available at amazon

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

FEATURES

- **INNOVATIVE DESIGN & PROTOTYPE TESTING** are key components of our 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 Honeywell generators with the confidence that these systems will provide superior performance.
- **TEST CRITERIA**
  - PROTOTYPE TESTED
  - SYSTEM TORSIONAL TESTED
  - NEMA MG1-22 EVALUATION
  - MOTOR STARTING ABILITY
- **PrecisionPower™ 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.
- **SOLID-STATE, FREQUENCY COMPENSATED VOLTAGE REGULATION** This state-of-the-art power maximizing regulation system is standard on all Honeywell 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 our extensive dealer network provides parts and service know-how for the entire unit, from the engine to the smallest electronic component.
- **Honeywell TRANSFER SWITCHES** The Honeywell generator line includes its own transfer systems and controls for total system compatibility.
- **Mobile Link Cellular Monitoring System** - Mobile Link is the new cellular remote monitoring system that lets you check your generator's status even when you are away using your computer, tablet or smart phone. With Mobile Link, you will always know exactly what your generator is doing when you are on the go.

8 & 11 kW

AIR-COOLED GENERATOR SETS

ENGINE

• Generac OHVI® design	Maximizes engine "breathing" for increased fuel efficiency. Plateau honed cylinder walls and plasma moly rings help 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 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 ±1% prevents damaging voltage spikes.
• UL 2200 listed	For your safety.

TRANSFER SWITCH

Sold separately

SYNC™ 2.0 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 12 minutes every other week. Also offers a selectable setting for weekly or monthly operation providing flexibility and 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

• Aluminum weather protective enclosure	Provides protection against mother nature and can withstand 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	Absorbs any generator vibration when connected to rigid pipe.
• Composite mounting pad	Eliminates the need to pour a concrete pad unless required by local municipalities.

GENERATOR	Model 006703-0 (8 kW)	Model 006442-0 (11 kW)
Rated Maximum Continuous Power Capacity (LP)	8,000 Watts*	11,000 Watts*
Rated Maximum Continuous Power Capacity (NG)	7,000 Watts*	10,000 Watts*
Rated Voltage	240	240
Rated Maximum Continuous Load Current – 240 V (LP/NG)	33.3/29.16	45.8/41.7
Total Harmonic Distortion	Less than 5%	Less than 5%
Main Line Circuit Breaker	50 Amp	50 Amp
Phase	1	1
Number of Rotor Poles	2	2
Rated AC Frequency	60 Hz	60 Hz
Power Factor	1.0	1.0
Battery Requirement (not included)	Group 26R, 12 Volts and 525 CCA Minimum	
Unit Weight (lb/kg)	421/190.9	373/169.2
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	63
Sound output in dB(A) at 23 ft (7 m) with generator in WhisperCheck™ low speed exercise mode**	60	57

ENGINE			
Type of Engine		GENERAC OHVI	GENERAC OHVI
Number of Cylinders		1	2
Displacement		410 cc	530 cc
Cylinder Block		Aluminum w/ Cast Iron Sleeve	Aluminum w/ Cast Iron Sleeve
Valve Arrangement		Overhead Valve	Overhead Valve
Ignition System		Solid-state w/ Magneto	Solid-state w/ Magneto
Governor System		Electronic	Electronic
Compression Ratio		9.5:1	9.5:1
Starter		12 Vdc	12 Vdc
Oil Capacity Including Filter		Approx. 1.5 qt/1.4 L	Approx. 1.7 qt/1.6 L
Operating rpm		3,600	3,600
Fuel Consumption			
Natural Gas	ft^3/hr (m^3/hr)		
	1/2 Load	78 (2.21)	124 (3.51)
	Full Load	121 (3.43)	195 (5.52)
Liquid Propane	ft^3/hr (gal/hr) [l/hr]		
	1/2 Load	31.6 (0.87) [3.29]	42.8 (1.18) [4.45]
	Full Load	51.6 (1.42) [5.37]	70 (1.92) [7.28]

Note: **Fuel pipe must be sized for full load.** Required fuel pressure to generator fuel inlet - 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 37.26 (NG).

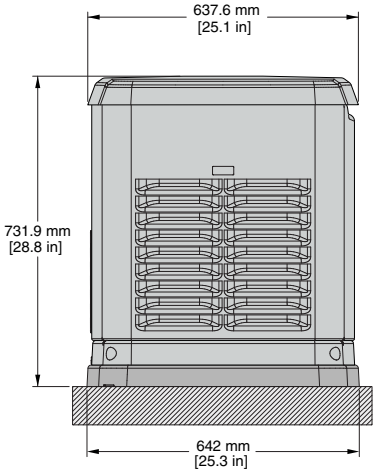
CONTROLS		
2-Line Plain Text Multilingual LCD Display		Simple user interface for ease of operation.
Mode Buttons:	Auto	Automatic Start on Utility failure. 7 day exerciser.
	Manual	Start with starter control, unit stays on. If utility fails, transfer to load takes place.
	Off	Stops unit. Power is removed. 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 wattage 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).

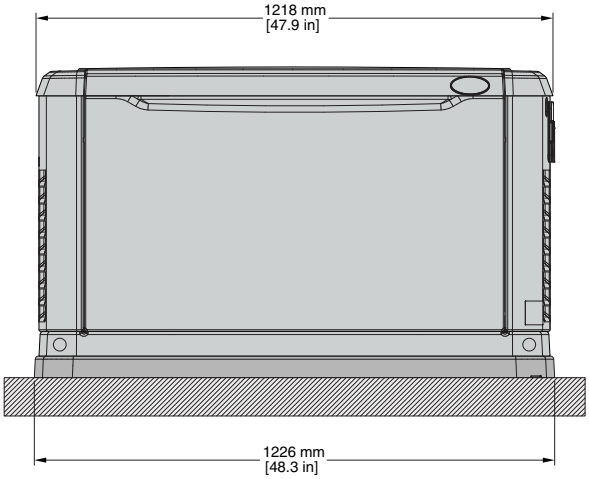
AVAILABLE ACCESSORIES

Model #	Product	Description
005819-0	26R Wet Cell Battery	Every standby generator requires a battery to start the system. The recommended 26R wet cell battery is for use with all air-cooled standby product.
006212-0	Cold Weather Kit	If the temperature regularly falls below 32 °F (0 °C), install a cold weather kit 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.
006160-0	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.
006482-0 (8 kW) 006483-0 (11 kW)	Scheduled Maintenance Kit	Scheduled maintenance kits provide all the hardware necessary to perform complete routine maintenance on a Honeywell automatic standby generator.
006200-0	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.
006187-0	Power Management Module (50 Amps)	Power Management Modules are used in conjunction with the Sync Smart Switch to increase its power management capabilities. It gives the Sync Smart Switch additional power management flexibility not found in any other transfer switch. Not compatible with pre-wired switches. Note: PMM Starter Kit required.

DIMENSIONS & UPCs



LEFT SIDE VIEW



FRONT VIEW

Model	UPC
006703-0	696471067033
006442-0	696471064421

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S45 W29290 Hwy. 59
Waukesha, WI 53187
Tel: 1-855-GEN-INFO
honeywellgenerators.com

0K8460-A
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Honeywell

Honeywell

STANDBY GENERATORS

16 kW / 20 kW / 22 kW

AIR-COOLED GENERATOR SETS

Standby Power Rating

Model 006702-0 (Aluminum - Dark Gray) - 16 kW 60 Hz
Model 006262-0 (Aluminum - Dark Gray) - 20 kW 60 Hz
Model 006554-0 (Aluminum - Dark Gray) - 22 kW 60 Hz

INCLUDES

- PrecisionPower™ Electrical Technology
- Two Line LCD Multilingual Digital Controller (English/Spanish/French/Portuguese)
- Electronic Governor
- External Main Circuit Breaker, System Status & Maintenance Interval LED Indicators
- Flexible Fuel Line Connector
- GFCI Duplex Outlet
- WhisperCheck™ Exercise
- Mobile Link™ Cellular Monitoring System*
- Composite Mounting Pad
- Aluminum Enclosure
- Base Fascia
- Natural Gas or LP Gas Operation
- 5 Year Comprehensive Warranty
- Capability to be installed within 18" (457 mm) of a building**

Mobile Link

c UL us LISTED

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FEATURES

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- **TEST CRITERIA**
  - PROTOTYPE TESTED
  - SYSTEM TORSIONAL TESTED
  - NEMA MG1-22 EVALUATION
  - MOTOR STARTING ABILITY
- **PrecisionPower™ 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.
- **SOLID-STATE, FREQUENCY COMPENSATED VOLTAGE REGULATION** This state-of-the-art power maximizing regulation system is standard on all Honeywell 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 our extensive dealer network provides parts and service know-how for the entire unit, from the engine to the smallest electronic component.
- **Honeywell TRANSFER SWITCHES** The Honeywell generator line includes its own transfer systems and controls for total system compatibility.
- **Mobile Link Cellular Monitoring System** - Mobile Link is a cellular remote monitoring system that lets you check your generator's status even when you are away using your computer, tablet or smart phone. With Mobile Link, you will always know exactly what your generator is doing when you are on the go. To learn more go to www.mobilelinkgen.com.

16 kW / 20 kW / 22 kW

AIR-COOLED GENERATOR SETS

ENGINE

• Generac OHVI® design	Maximizes engine "breathing" for increased fuel efficiency. Plateau honed cylinder walls and plasma moly rings help 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 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 ±1% prevents damaging voltage spikes.
• UL 2200 listed	For your safety.

TRANSFER SWITCH

Sold separately

SYNC 2.0 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 flexibilty and 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

• Aluminum weather protective enclosure	Provides protection against mother nature and can withstand 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	Absorbs any generator vibration when connected to rigid pipe.
• Composite mounting pad	Eliminates the need to pour a concrete pad unless required by local municipalities.

GENERATOR	Model 006261-0 (16 kW)	Model 006262-0 (20 kW)	Model 006554-0 (22 kW)
Rated Maximum Continuous Power Capacity (LP)	16,000 Watts*	20,000 Watts*	22,000 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 V (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	100 Amp	100 Amp
Phase	1	1	1
Number of Rotor Poles	2	2	2
Rated AC Frequency	60 Hz	60 Hz	60 Hz
Power Factor	1.0	1.0	1.0
Battery Requirement (not included)	Group 26R, 12 Volts and 525 CCA Minimum		
Unit Weight (lb/kg)	448/203.2	451/204.6	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 WhisperCheck™ low speed exercise mode**	60	60	58
Exercise duration	5 min	5 min	5 min

ENGINE			
Type of Engine	GENERAC OHVI V-TWIN	GENERAC OHVI V-TWIN	GENERAC OHVI
Number of Cylinders	2	2	2
Displacement	992 cc	999 cc	999 cc
Cylinder Block	Aluminum w/ Cast Iron Sleeve	Aluminum w/ Cast Iron Sleeve	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	193 (5.7)	205 (5.8)	184 (5.21)
Full Load	312 (8.83)	308 (8.72)	281 (7.96)
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) [13.94]

Note: **Fuel pipe must be sized for full load.** Required fuel pressure to generator fuel inlet - 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 37.26 (NG).

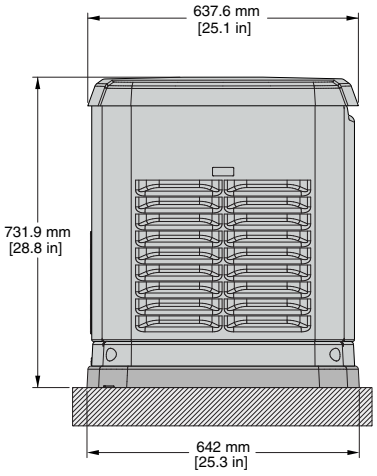
CONTROLS		
2-Line Plain Text Multilingual LCD Display		Simple user interface for ease of operation.
Mode Buttons:	Auto	Automatic Start on Utility failure. Programmable exercise.
	Manual	Start with starter control, unit stays on. If utility fails, transfer to load takes place.
	Off	Stops unit. Power is 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 wattage 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).

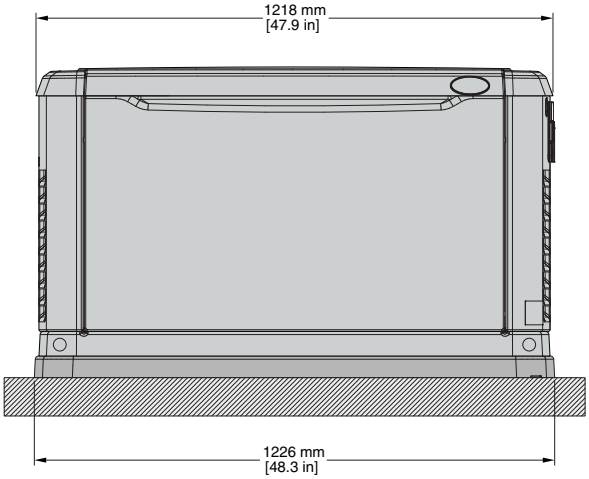
AVAILABLE ACCESSORIES

Model #	Product	Description
005819-0	26R Wet Cell Battery	Every standby generator requires a battery to start the system. The recommended 26R wet cell battery is for use with all air-cooled standby product.
006212-0	Cold Weather Kit	If the temperature regularly falls below 32 °F (0 °C), install a cold weather kit to maintain optimal battery and oil temperatures. Kit consists of a battery warmer and oil filter heater with built-in thermostats.
005621-0	Auxillary 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.
006160-0	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	Scheduled maintenance kits provide all the hardware necessary to perform complete routine maintenance on a Honeywell automatic standby generator.
006762-0	Intelligent Power Management Module (50 Amps)	An Intelligent Power Management Module (PMM-IA) can be used in conjunction with any Honeywell standby generator and switch. It intelligently manages a load without having to run control wires back to the switch or generator.

DIMENSIONS & UPCs



LEFT SIDE VIEW



FRONT VIEW

Model	UPC
006702-0	696471067026
006262-0	696471062625
006554-0	696471065541

Generac Power Systems, Inc.
S45 W29290 Hwy. 59
Waukesha, WI 53187
Tel: 1-855-GEN-INFO
honeywellgenerators.com

0K8461-B
November 2014

Honeywell

Automatic Standby Generators

8, 11, 16, 20, 22 kW

Protect your home and family—everyday, whether you are home or away.

Home, family, assets—the things that matter most—remain protected during a power outage with the installation of a Honeywell standby generator. It's the reliable answer that ensures necessities, conveniences and amenities are always available, automatically backed up when the power goes out.

Honeywell

Automatic Standby Generators 8, 11, 16, 20, 22 kW

A Honeywell automatic standby generator seamlessly backs up the circuits you choose during a power outage. It automatically starts within seconds of detecting power loss, and runs on the home's existing natural gas or LP fuel supply. Choose a backup option from essential circuit, managed whole-house or complete whole-house coverage.

PREMIUM STANDARD FEATURES

Mobile Link™ Cellular Remote Monitoring

Mobile Link lets you check on your generator's status, even when you are away, using your computer, tablet or smartphone.

- Lowest cost of any cellular monitoring solution
- Cellular technology provides broad nationwide coverage
- Over 40 different notifications, including maintenance reminders, low battery, and fault alerts
- Opt to send maintenance alerts to your authorized service/maintenance provider so they can proactively provide professional support

Quiet Operation

One of the quietest units available, foam panels reduce the generator's noise levels, and the patented weekly WhisperCheck™ self-test mode is even quieter than normal operation.

Rugged OHVI® Engine:

The Generac OHVI® engine is purpose-built for the rigors of generator use, and requires significantly fewer scheduled maintenance checkups than competitive engines.

Sync™ 2.0 Controller:

The next generation Honeywell Sync™ 2.0 controller features a multilingual LCD display (English, Spanish, French and Portuguese) that allows for easy monitoring of history and maintenance logs, as well as management of generator functions. LEDs allow you to determine generator status at a glance.

- USB port for field programming updates
- Maintenance log and reminders
- Programmable seven day exerciser
- Smart battery charger with charger warnings and battery condition alerts

5 Year Warranty

Honeywell automatic standby generators carry a best-in-class 5 year comprehensive warranty.

Sturdy, All-Weather Aluminum Enclosure

The durable aluminum enclosure with RhinoCoat™ finish prolongs the life of your generator with corrosion-resistant protection from the elements, making it ideal for coastal, salt-air climates. Modeled to withstand winds up to 150 mph, and with a fire rating, 3rd-party-certified to NFPA standards, that allows for installations as close as 18" to the home. Composite mounting pad is included, eliminating the need to pour a concrete base unless specified by local codes. An included base fascia completes the pleasing appearance of your generator.

Transfer Switch Options

Honeywell Sync™ Smart Transfer Switch: Utilizing digital power management, it allows for coverage of two air conditioners without additional components and up to whole house coverage.

Pre-wired 12 Circuit Transfer Switch*: Cost-effective, easy to install option for essential coverage. For use with the 8kW or 11kW only.

	8 kW	11 kW	16 kW	20 kW	22 kW
Model#	6703	6442	6702	6262	6554
Engine	410cc Generac OHVI®	530cc Generac OHVI®	992cc Generac OHVI®	999cc Generac OHVI®	999cc Generac OHVI®
db(A) at Exercise	62	63	60	60	58
db(A) at Normal Operating Load	62	63	66	66	67
Weight (lb/kilos)	360 / 163	373 / 169.2	437 / 198.2	451 / 204.6	476 / 216
Dimensions (L x W x H")	48•25•29	48•25•29	48•25•29	48•25•29	48•25•29
Fuel Consumption 1/2 Load LP/NG (cu.ft/hr)	31.6 / 78	42.8 / 124	72.4 / 193	75.6 / 205	78.6 / 184
UL/CUL Listed	yes	yes	yes	yes	yes

USA ENGINEERED & BUILT

**Built in the USA using domestic and foreign parts.*

Generac Power Systems, Inc.
S45 W29290 Hwy. 59
Waukesha, WI 53187
1-855-Gen-Info (436-4636)
honeywellgenerators.com

0192000HWL
June 2014

To learn more, go to
honeywellgenerators.com
or call 1-855 -GENINFO (436-4636)

Honeywell

Warranty

GENERAC POWER SYSTEMS "FIVE YEAR" COMPREHENSIVE WARRANTY FOR HONEYWELL AIR-COOLED EMERGENCY GENERATORS

For a period of five (5) years from the date of successful activation of the unit, Generac Power Systems, Inc. (Generac) will, at its discretion, repair or replace any part(s) that, upon examination, inspection, and testing by Generac or an Authorized/Certified Honeywell Generator Dealer, or branch thereof, is found to be defective under normal use and service, in accordance with the warranty schedule set forth below. Any equipment that the purchaser/owner claims to be defective must be examined by the nearest Authorized/Certified Honeywell Generator Dealer, or branch thereof. Repair or replacement pursuant to this limited warranty shall not renew or extend the original warranty period. Any repaired product shall be warranted for the remaining original warranty period only. This warranty applies only to Honeywell Generators used in "Standby" applications, as Generac has defined Standby, provided said generator has been initially installed and/or inspected on-site by an Authorized/Certified Honeywell Generator Dealer, or branch thereof. It is highly recommended that scheduled maintenance, as outlined by the generator owner's manual, be performed by an Authorized/Certified Honeywell Generator Dealer, or branch thereof. This will verify service has been performed on the unit throughout the warranty period.

WARRANTY SCHEDULE

YEARS ONE THROUGH FIVE – Limited comprehensive coverage on mileage, labor and parts listed.
INTERNATIONAL APPLICATIONS – Limited to 1000 hour of operation.

GUIDELINES:

Travel allowance is limited to 100 miles maximum and three (3) hours maximum (per occurrence, whichever is less), round trip from the nearest Authorized/Certified Honeywell Generator Dealer; and only applies to permanently wired and mounted units. Any additional required travel expense will not be covered by Generac.

1. This warranty only applies to permanently wired and mounted units.
2. All warranty repairs, must be performed and/or addressed by an Authorized/Certified Honeywell Generator Dealer, or branch thereof.
3. Units that have been resold are not covered under the Generac Warranty, as this Warranty is not transferable.
4. Unit enclosure is only covered during the first year of the warranty provision.
5. Use of Non-Generac replacement part(s) will void the warranty in its entirety.
6. Generac may choose to Repair, Replace or Refund a piece of equipment.
7. Warranty Labor Rates are based on normal working hours. Additional costs for overtime, holiday or emergency labor costs for repairs outside of normal business hours will be the responsibility of the customer.
8. Warranty Parts shipment costs are reimbursed at ground shipment rates. Costs related to requests for expedited shipping will be the responsibility of the customer.
9. Batteries are warranted by the battery manufacturer.
10. Verification of required maintenance may be required for warranty coverage.

THIS WARRANTY SHALL NOT APPLY TO THE FOLLOWING:

1. Any unit built/manufacturer prior to January 2013.
2. Costs of normal maintenance (i.e. tune-ups, associated part(s), adjustments, loose/leaking clamps, installation and start-up).
3. Any failure caused by contaminated fuels, oils, coolants/antifreeze or lack of proper fuels, oils or coolants/antifreeze.
4. Units sold, rated or used for "Prime Power", "Trailer Mounted" or "Rental Unit" applications as Generac Power Systems has defined Prime Power,Trailer Mounted or Rental Unit. Contact a Generac Power Systems Distributor for Prime Power, Trailer Mounted or Rental Unit definition and warranty.
5. Failures caused by any external cause or act of God such as, but not limited to, collision, fire, theft, freezing, vandalism, riot or wars, lightning, earthquake, windstorm, hail, volcanic eruption, water or flood, tornado, hurricane, terrorist acts or nuclear holocaust.
6. Products that are modified or altered in a manner not authorized by Generac Power Systems in writing.
7. Failures due, but not limited to, normal wear and tear, accident, misuse, abuse, negligence, or improper installation or sizing.
8. Any incidental, consequential or indirect damages caused by defects in materials or workmanship, or any delay in repair or replacement of the defective part(s).
9. Damage related to rodent and/or insect infestation.
10. Failure due to misapplication, misrepresentation, or bi-fuel conversion.
11. Telephone, facsimile, cellular phone, satellite, Internet, or any other communication expenses.
12. Rental equipment used while warranty repairs are being performed (i.e. rental generators, cranes, etc.).
13. Modes of transportation deemed abnormal.
14. Steel enclosures that are rusting due to improper installation, location in a harsh or saltwater environment or scratched where integrity of paint applied is compromised.
15. Any and all expenses incurred investigating performance complaints unless defective Generac materials and/or workmanship were the direct cause of the problem.
16. Starting batteries, fuses, light bulbs, engine fluids, and overnight freight cost for replacement part(s).

THIS WARRANTY IS IN PLACE OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, SPECIFICALLY, GENERAC POWER SYSTEMS MAKES NO OTHER WARRANTIES AS TO THE MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Any implied warranties which are allowed by law, shall be limited in duration to the terms of the express warranty provided herein. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to purchaser/owner.

GENERAC POWER SYSTEMS ONLY LIABILITY SHALL BE THE REPAIR OR REPLACEMENT OF PART(S) AS STATED ABOVE. IN NO EVENT SHALL GENERAC POWER SYSTEMS BE LIABLE FOR ANY INCIDENTAL, OR CONSEQUENTIAL DAMAGES, EVEN IF SUCH DAMAGES ARE A DIRECT RESULT OF GENERAC POWER SYSTEMS, INC. NEGLIGENCE. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations may not apply to purchaser/ owner. Purchaser/owner agrees to make no claims against Generac Power Systems, Inc. based on negligence. This warranty gives purchaser/owner specific legal rights. Purchaser/owner also may have other rights that vary from state to state.

Honeywell International Inc. makes no representations or warranties with respect to this product.
The Honeywell trademark is used under license from Honeywell International Inc.

GENERAC POWER SYSTEMS, INC. • P.O. BOX 8 • Waukesha, WI 53187 • Ph: 855-GEN-INFO

To locate the nearest Authorized Dealer and to download schematics, exploded parts views and parts lists, visit our website: www.honeywellgenerators.com

Part No. 0K2369 Revision B (02/13)

Honeywell

STANDBY GENERATOR

25 kW

LIQUID-COOLED GENERATOR SET

Standby Power Rating

Model HT025 - 25 kW 60Hz

c UL us LISTED

INCLUDES

- Two Line LCD Tri-lingual Digital Sync Controller
- Electronic Governor
- Closed Coolant Recovery System
- Flexible Fuel Line Connector
- Wireless Remote Monitor*
- Sound Attenuated Aluminum Enclosure
- UV/OzoneResistant Hoses
- CA/MA Emissions Compliant
- Natural Gas or LP Gas Operation
- 5 Year Limited Warranty*
- UL 2200 Listed

* 3-Phase systems receive a 2 Year Limited Warranty and do not included the clipped roof corners or the remote monitor.

FEATURES

- **INNOVATIVE DESIGN & PROTOTYPE TESTING** are key components of our 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 Honeywell generators with the confidence that these systems will provide superior performance.

- **TEST CRITERIA**
  - PROTOTYPE TESTED
  - SYSTEM TORSIONAL TESTED
  - NEMA MG1-22 EVALUATION
  - MOTOR STARTING ABILITY

- **SOLID-STATE, FREQUENCY COMPENSATED VOLTAGE REGULATION** This state-of-the-art power maximizing regulation system is standard on all Honeywell 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. An unequalled ±1% voltage regulation.

- **SINGLE SOURCE SERVICE RESPONSE** from our extensive dealer network provides parts and service know-how for the entire unit, from the engine to the smallest electronic component.

- **Honeywell TRANSFER SWITCHES** The Honeywell generator line offers its own transfer systems and controls for total system compatibility.

25 kW
LIQUID-COOLED GENERATOR SET

Application & Engineering Data

GENERATOR SPECIFICATIONS

• Type	Synchronous
• Rotor Insulation	Class H
• Stator Insulation	Class H
• Telephone Interference Factor (TIF)	<50
• Alternator Output Leads Phase 3	4 wire
• Bearings	Sealed Ball
• Coupling	Flexible Disc
• Load Capacity (Standby Rating)	25 kW
• Excitation System	Direct

ENGINE SPECIFICATIONS

• Make	Generac
• Model	Inline 4
• Cylinders	4
• Displacement	2.4 Liter
• Bore	3.41
• Stroke	3.94
• Compression Ratio	9.5:1
• Intake Air System	Naturally Aspirated
• Valve Seats	Hardened
• Lifter Type	Hydraulic

GOVERNOR SPECIFICATIONS

• Type		Electronic
• Frequency Regulation		Isochronous
• Steady State Regulation		± 0.25%
• Adjustments For	Speed	Yes
	Droop	Yes

VOLTAGE REGULATION

• Type	Electronic
• Sensing	Single Phase
• Regulation	± 1%

GENERATOR FEATURES

- Revolving field heavy duty generator
- Directly connected to the engine
- Operating temperature rise 120 °C above a 40 °C ambient
- Insulation is Class H rated at 150 °C rise
- All models are fully prototyped tested

ENGINE LUBRICATION SYSTEM

• Oil Pump	Gear
• Oil Filter	Full flow spin-on cartridge
• Crankcase	4 Quarts

ENGINE COOLING SYSTEM

• Type	Closed
• Water Pump	Belt Driven
• Fan Speed	1980
• Fan Diameter	18.1 inches
• Fan Mode	Pusher

FUEL SYSTEM

• Fuel Type	Natural gas, propane vapor
• Carburetor	Down Draft
• Secondary Fuel Regulator	Standard
• Fuel Shut Off Solenoid	Standard
• Operating Fuel Pressure	5" - 14" H_2O

ELECTRICAL SYSTEM

• Battery Charge Alternator	12V 30 Amp
• Static Battery Charger	2 Amp
• Recommended Battery	Group 26, 525CCA
• System Voltage	12 Volts

ENCLOSURE FEATURES

- **Aluminum weather protective enclosure** – Ensures protection against mother nature. 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.
- **SAE** – Sound attenuated eclosure ensures quiet operation.

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). (All ratings in accordance with BS5514, ISO3046, ISO8528, SAE J1349 and DIN6271).

Operating Data

KW RATING (LP/NG)		25/25				
ENGINE SIZE		2.4 Liter Inline 4				
GENERATOR OUTPUT VOLTAGE/KW - 60Hz		**kW LPG**	**AMP**	**kW Nat. Gas**	**AMP**	**CB Size**
120/240V, 1-phase, 1.0 pf		25	104	25	104	125
120/208V, 3-phase, 0.8 pf		25	87	25	87	100
120/240V, 3-phase, 0.8 pf		25	75	25	75	90
ENGINE FUEL CONSUMPTION (Natural Gas) (Propane)		**Natural Gas** (ft^3/hr.)		**Propane** (gal/hr.)		cu ft/hr
Exercise cycle		42		0.44		16
25% of rated load		108		1.2		44
50% of rated load		197		2.1		78
75% of rated load		287		3.1		114
100% of rated load*		359		3.9		143
For Btu content, multiply ft^3/hr x 2520 (LP) or ft^3/hr x 1000 (NG)						
ENGINE COOLING						
Air flow (inlet air including alternator and combustion air)	ft^3/min.			2,400		
System coolant capacity	US gal.			3		
Heat rejection to coolant	BTU/hr.			105,000		
Max. operating air temp. on radiator	°C (°F)			60 (150)		
Max. ambient temperature	°C (°F)			50 (140)		
COMBUSTION AIR REQUIREMENTS						
Flow at rated power 60 Hz	cfm			68		
SOUND EMISSIONS IN DBA						
Exercising at 7 meters				62		
Normal operation at 7 meters				70		
EXHAUST						
Exhaust flow at rated output 60 Hz	cfm			180		
Exhaust temp. at muffler outlet	°F			900		
ENGINE PARAMETERS						
Rated synchronous RPM	60 Hz			1800		
POWER ADJUSTMENT FOR AMBIENT CONDIIONS						
Temperature Deration	3% for every 10 °C above - °C 1.65% for every 10 °F above - °F			25 77		
Altitude Deration	1% for every 100 m above - m 3% for every 1000 ft. above - ft.			183 600		

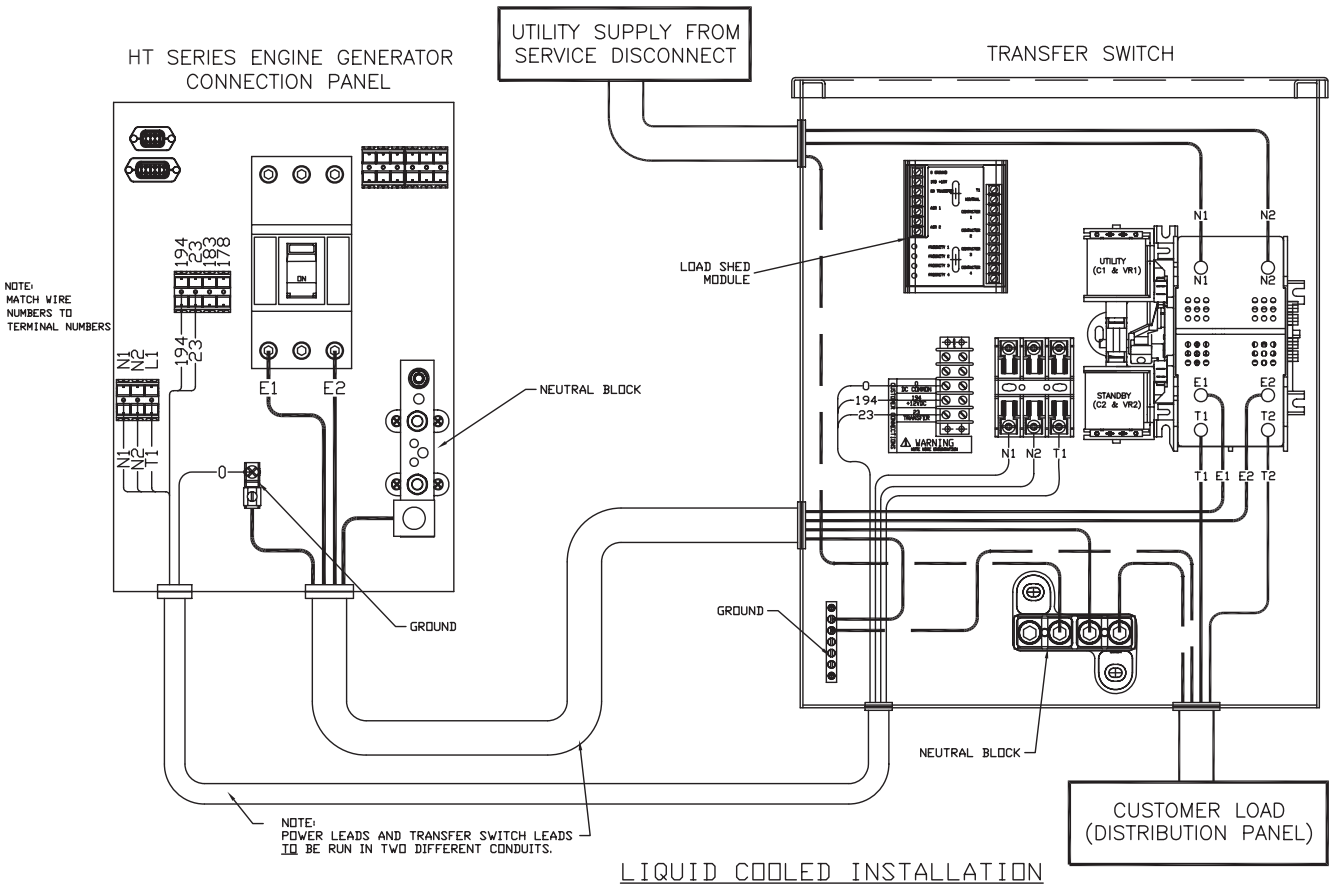
Refer to "Emissions Data Sheets" for maximum fuel flow for EPA and SCAQMD permitting purposes.

RATING: All three phases units are rated at 0.8 power factor. All single phase units are rated at 1.0 power factor. STANDBY RATING: Standby ratings apply to installations served by a reliable utility source. The standby rating is applicable to varying loads for the duration of a power outage. There is no overload capability for this rating. Ratings are in accordance with ISO-3046-1. Design and specifications are subject to change without notice.

25 kW

LIQUID-COOLED GENERATOR SETS

Interconnections



CONTROL FEATURES

• 2-Line Plain Text LCD Display	Simple user interface for ease of operation	• Automatic Low Oil Pressure Shutdown	Standard
• Mode Switch		• Overspeed Shutdown	
-Auto	Automatic Start on Utility failure. 7 day exerciser	• High Temperature Shutdown	Standard
-Off	Stops unit. Power is removed. Control and charger still operate.	• Overcrank Protection	Standard
		• Safety Fused	Standard
-Manual/Test (start)	Start with starter control, unit stays on. If utility fails, transfer to load takes place.	• Failure to Transfer Protectio	Standard
		• Low Battery Protection	Standard
• Programmable start delay between 10-30 seconds	Standard	• 50 Event Run Log	Standard
• Engine Start Sequence	Cyclic cranking: 16 sec. on, 7 rest (90 sec. maximum duration)	• Future Set Capable Exerciser	Standard
		• Incorrect Wiring Protection	Standard
• Engine Warm-up	5 seconds	• Internal Fault Protection	Standard
• Engine Cool-Down	1 minute	• Common External Fault Capability	Standard
• Starter Lock-out	Starter cannot re-engage until 5 sec. after engine has stopped.	• Governor Failure Protection	Standard
• Smart Battery Charger	Standard		
• Automatic Voltage Regulation with Over and Under Voltage Protection	Standard		

Single and three phase connections may vary , refer to the owner's manual for specific connection information.

Installation Layout

NOTES:

1) MINIMUM RECOMMENDED CONCRETE PAD SIZE: 1041 (41.0") WIDE X 1892 (74 1/2") LONG. REFERENCE INSTALLATION GUIDE SUPPLIED WITH UNIT FOR CONCRETE PAD GUIDELINES.

2) ALLOW SUFFICIENT ROOM ON ALL SIDES OF THE GENERATOR FOR MAINTENANCE AND SERVICING, THIS UNIT MUST BE INSTALLED IN ACCORDANCE WITH CURRENT APPLICABLE NFPA 37 AND NFPA 70 STANDARDS AS WELL AS ANY OTHER FEDERAL, STATE AND LOCAL CODES FOR MINIMUM DISTANCES FROM OTHER STRUCTURES.

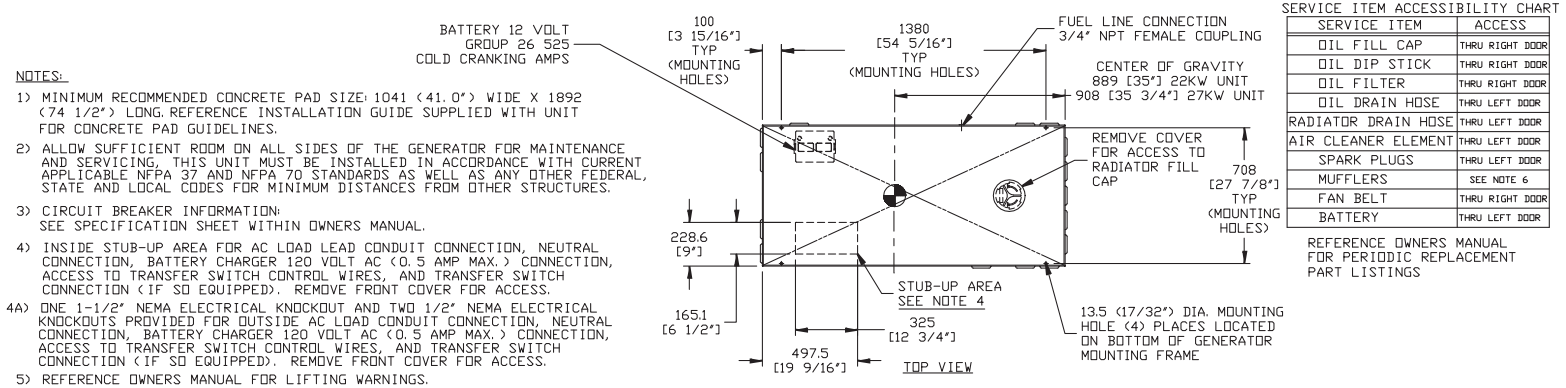
3) CIRCUIT BREAKER INFORMATION:
SEE SPECIFICATION SHEET WITHIN OWNERS MANUAL.

4) INSIDE STUB-UP AREA FOR AC LOAD LEAD CONDUIT CONNECTION, NEUTRAL CONNECTION, BATTERY CHARGER 120 VOLT AC (0.5 AMP MAX.) CONNECTION, ACCESS TO TRANSFER SWITCH CONTROL WIRES, AND TRANSFER SWITCH CONNECTION (IF SO EQUIPPED). REMOVE FRONT COVER FOR ACCESS.

4A) ONE 1-1/2" NEMA ELECTRICAL KNOCKOUT AND TWO 1/2" NEMA ELECTRICAL KNOCKOUTS PROVIDED FOR OUTSIDE AC LOAD CONDUIT CONNECTION, NEUTRAL CONNECTION, BATTERY CHARGER 120 VOLT AC (0.5 AMP MAX.) CONNECTION, ACCESS TO TRANSFER SWITCH CONTROL WIRES, AND TRANSFER SWITCH CONNECTION (IF SO EQUIPPED). REMOVE FRONT COVER FOR ACCESS.

5) REFERENCE OWNERS MANUAL FOR LIFTING WARNINGS.

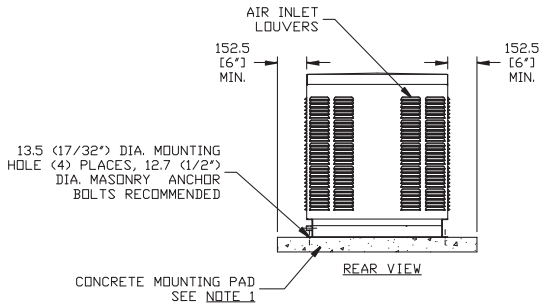
6) REMOVE LIFT-OFF ENCLOSURE TO ACCESS EXHAUST MUFFLER.

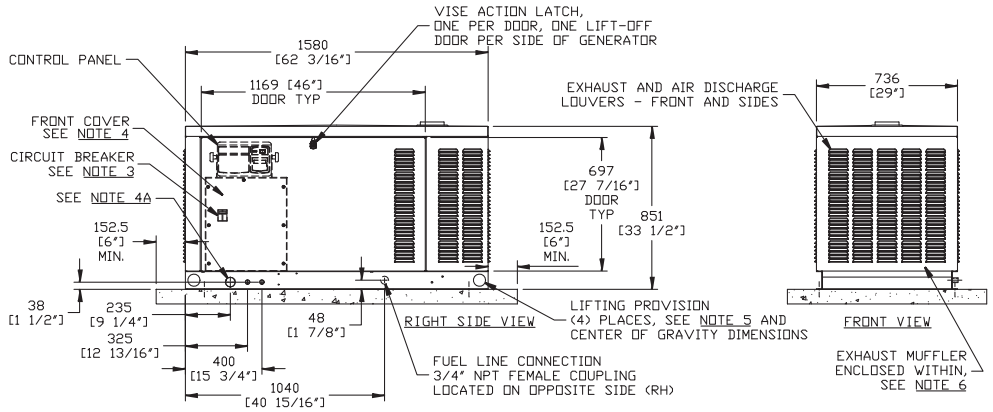


SERVICE ITEM ACCESSIBILITY CHART

SERVICE ITEM	ACCESS
OIL FILL CAP	THRU RIGHT DOOR
OIL DIP STICK	THRU RIGHT DOOR
OIL FILTER	THRU RIGHT DOOR
OIL DRAIN HOSE	THRU LEFT DOOR
RADIATOR DRAIN HOSE	THRU LEFT DOOR
AIR CLEANER ELEMENT	THRU LEFT DOOR
SPARK PLUGS	THRU LEFT DOOR
MUFFLERS	SEE NOTE 6
FAN BELT	THRU RIGHT DOOR
BATTERY	THRU LEFT DOOR

REFERENCE OWNERS MANUAL
FOR PERIODIC REPLACEMENT
PART LISTINGS





WEIGHT DATA				
ENGINE/KW	ENCLOSURE MATERIAL	WEIGHT (GENSET ONLY) KG [LBS]	WEIGHT (SHIPPING CARTON/SKID) KG [LBS]	SHIPPING WEIGHT (GENSET, SKID, &CARTON) KG [LBS]
2.4L/25KW	ALUMINUM	405 [891]	30 [66]	434 [957]

Honeywell

AVAILABLE ACCESSORIES

Model #	Product	Description
5630	Cold Weather Kit	If the temperature regularly falls below 32° F, install a cold weather kit to maintain optimal battery temperature. Kit consists of battery warmer with thermostat built into the wrap.
5616	Extreme Cold Weather Kit	Recommended where the temperature regularly falls below 32° F for extended periods of time. For liquid-cooled units only.
5951	Advanced Sync Wireless Remote	Remotely control generator functions with the advanced model's LED display. In addition to remote testing of the generator, set the excercise cycle and maintenance interval reminders
5656	Scheduled Maintenance Kit	The Liquid-Cooled Scheduled Maintenance Kits offer all the hardware necessary to perform a complete maintenance on Honeywell liquid-cooled generators.
6102	DLM Load Control Module (50 Amps)	DLM Modules are used in conjunction with the Sync Smart Switch to increase its load management capabilities. It gives the Sync Smart Switch additional load management flexibility not found in any other transfer switch.
5621	Auxillary 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.

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0190660SBY-D
Dec 2011

Honeywell

Honeywell

STANDBY GENERATOR

35 kW

LIQUID-COOLED GENERATOR SET

Standby Power Rating

Model HT035 - 35 kW 60Hz

c UL us LISTED

INCLUDES

- Two Line LCD Tri-lingual Digital Sync Controller
- Electronic Governor
- Closed Coolant Recovery System
- Flexible Fuel Line Connector
- Wireless Remote Monitor*
- Sound Attenuated Aluminum Enclosure
- UV/OzoneResistant Hoses
- Natural Gas or LP Gas Operation
- 5 Year Limited Warranty*
- UL 2200 Listed

Not for resale in CA/MA

* 3-Phase systems receive a 2 Year Limited Warranty and do not included the clipped roof corners or the remote monitor.

FEATURES

- **INNOVATIVE DESIGN & PROTOTYPE TESTING** are key components of our 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 Honeywell generators with the confidence that these systems will provide superior performance.

- **TEST CRITERIA**
  - PROTOTYPE TESTED
  - SYSTEM TORSIONAL TESTED
  - NEMA MG1-22 EVALUATION
  - MOTOR STARTING ABILITY

- **SOLID-STATE, FREQUENCY COMPENSATED VOLTAGE REGULATION** This state-of-the-art power maximizing regulation system is standard on all Honeywell 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. An unequalled ±1% voltage regulation.

- **SINGLE SOURCE SERVICE RESPONSE** from our extensive dealer network provides parts and service know-how for the entire unit, from the engine to the smallest electronic component.

- **Honeywell TRANSFER SWITCHES** The Honeywell generator line offers its own transfer systems and controls for total system compatibility.

35 kW
LIQUID-COOLED GENERATOR SET

Application & Engineering Data

GENERATOR SPECIFICATIONS

• Type	Synchronous
• Rotor Insulation	Class H
• Stator Insulation	Class H
• Telephone Interference Factor (TIF)	<50
• Alternator Output Leads Phase 3	4 wire
• Bearings	Sealed Ball
• Coupling	Flexible Disc
• Load Capacity (Standby Rating)	35 kW
• Excitation System	Direct

ENGINE SPECIFICATIONS

• Make	Generac
• Model	Inline 4
• Cylinders	4
• Displacement	2.4 Liter
• Bore	3.41
• Stroke	3.94
• Compression Ratio	9.5:1
• Intake Air System	Turbocharged/ Aftercooled
• Valve Seats	Hardened
• Lifter Type	Hydraulic

GOVERNOR SPECIFICATIONS

• Type		Electronic
• Frequency Regulation		Isochronous
• Steady State Regulation		± 0.25%
• Adjustments For	Speed	Yes
	Droop	Yes

VOLTAGE REGULATION

• Type	Electronic
• Sensing	Single Phase
• Regulation	± 1%

GENERATOR FEATURES

- Revolving field heavy duty generator
- Directly connected to the engine
- Operating temperature rise 120 °C above a 40 °C ambient
- Insulation is Class H rated at 150 °C rise
- All models are fully prototyped tested

ENGINE LUBRICATION SYSTEM

• Oil Pump	Gear
• Oil Filter	Full flow spin-on cartridge
• Crankcase	4 Quarts

ENGINE COOLING SYSTEM

• Type	Closed
• Water Pump	Belt Driven
• Fan Speed	1500
• Fan Diameter	22 inches
• Fan Mode	Puller

FUEL SYSTEM

• Fuel Type	Natural gas, propane vapor
• Carburetor	Down Draft
• Secondary Fuel Regulator	Standard
• Fuel Shut Off Solenoid	Standard
• Operating Fuel Pressure	5" - 14" H_2O

ELECTRICAL SYSTEM

• Battery Charge Alternator	12V 30 Amp
• Static Battery Charger	2 Amp
• Recommended Battery	Group 26, 525CCA
• System Voltage	12 Volts

ENCLOSURE FEATURES

- **Aluminum weather protective enclosure** – Ensures protection against mother nature. 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.
- **SAE** – Sound attenuated eclosure ensures quiet operation.

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). (All ratings in accordance with BS5514, ISO3046, ISO8528, SAE J1349 and DIN6271).

Operating Data

KW RATING (LP/NG)		35/35				
ENGINE SIZE		2.4 Liter Inline 4				
GENERATOR OUTPUT VOLTAGE/KW - 60Hz		**kW LPG**	**AMP**	**kW Nat. Gas**	**AMP**	**CB Size**
120/240V, 1-phase, 1.0 pf		35	146	35	146	175
120/208V, 3-phase, 0.8 pf		35	121	35	121	150
120/240V, 3-phase, 0.8 pf		35	105	35	105	125
277/480V, 3-phase, 0.8 pf		35	52	35	52	60
ENGINE FUEL CONSUMPTION (Natural Gas) (Propane)		**Natural Gas** (ft^3/hr.)		**Propane** (gal/hr.)		cu ft/hr
Exercise cycle		48		0.5		19
25% of rated load		156		1.7		62
50% of rated load		282		3.1		112
75% of rated load		392		4.3		156
100% of rated load*		503		5.5		200
For Btu content, multiply ft^3/hr x 2520 (LP) or ft^3/hr x 1000 (NG)						
ENGINE COOLING						
Air flow (inlet air including alternator and combustion air)	ft^3/min.			2,200		
System coolant capacity	US gal.			2.5		
Heat rejection to coolant	BTU/hr.			145,000		
Max. operating air temp. on radiator	°C (°F)			60 (150)		
Max. ambient temperature	°C (°F)			50 (140)		
COMBUSTION AIR REQUIREMENTS						
Flow at rated power 60 Hz	cfm			106		
SOUND EMISSIONS IN DBA						
Exercising at 7 meters				58		
Normal operation at 7 meters				64		
EXHAUST						
Exhaust flow at rated output 60 Hz	cfm			300		
Exhaust temp. at muffler outlet	°F			1075		
ENGINE PARAMETERS						
Rated synchronous RPM	60 Hz			1800		
POWER ADJUSTMENT FOR AMBIENT CONDIIONS						
Temperature Deration	3% for every 10 °C above - °C 1.65% for every 10 °F above - °F			25 77		
Altitude Deration	1% for every 100 m above - m 3% for every 1000 ft. above - ft.			915 3000		

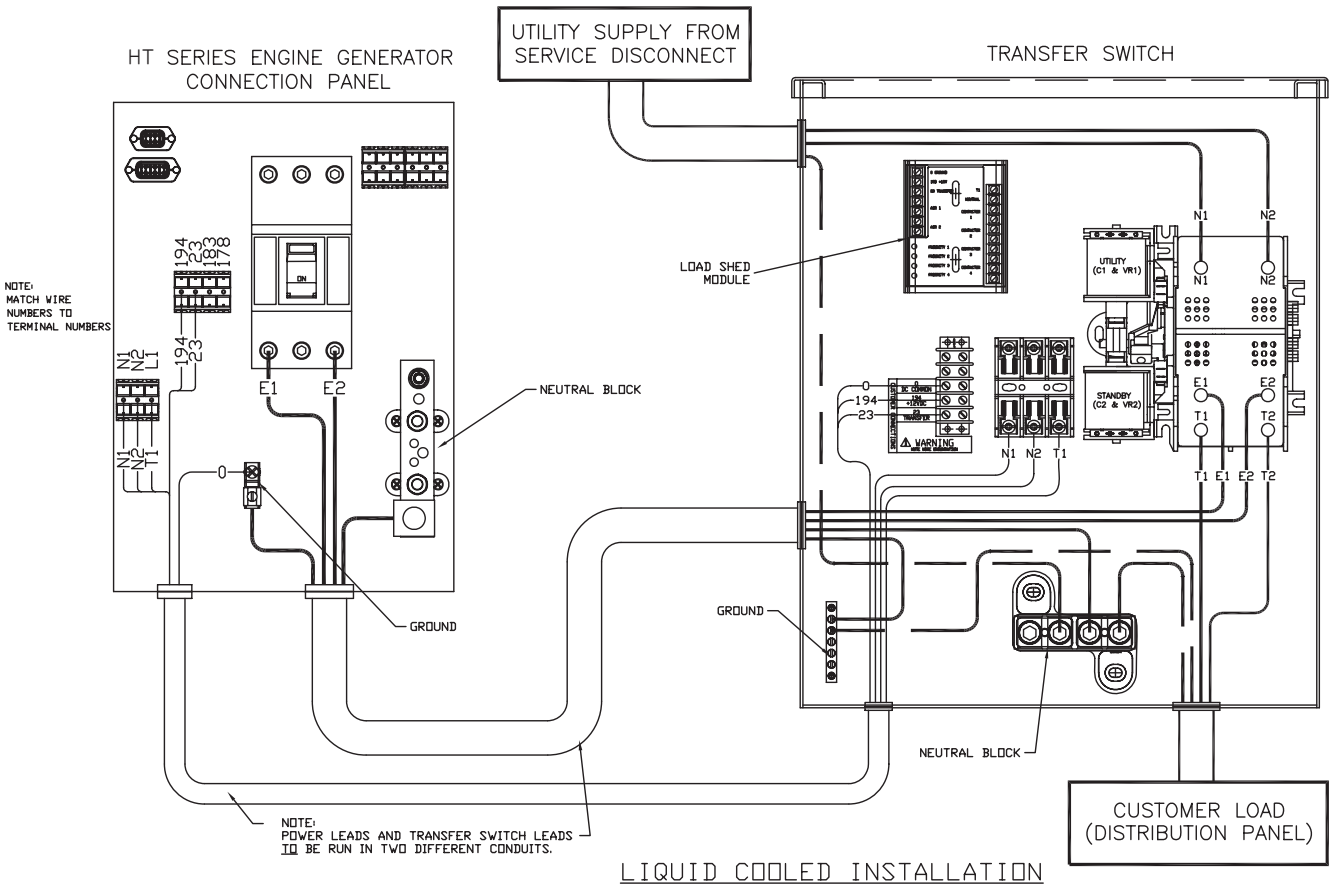
Refer to "Emissions Data Sheets" for maximum fuel flow for EPA and SCAQMD permitting purposes.

RATING: All three phases units are rated at 0.8 power factor. All single phase units are rated at 1.0 power factor. STANDBY RATING: Standby ratings apply to installations served by a reliable utility source. The standby rating is applicable to varying loads for the duration of a power outage. There is no overload capability for this rating. Ratings are in accordance with ISO-3046-1. Design and specifications are subject to change without notice.

35 kW

LIQUID-COOLED GENERATOR SETS

Interconnections



CONTROL FEATURES

• 2-Line Plain Text LCD Display	Simple user interface for ease of operation	• Automatic Low Oil Pressure Shutdown	Standard
• Mode Switch		• Overspeed Shutdown	
-Auto	Automatic Start on Utility failure. 7 day exerciser	• High Temperature Shutdown	Standard
-Off	Stops unit. Power is removed. Control and charger still operate.	• Overcrank Protection	Standard
		• Safety Fused	Standard
-Manual/Test (start)	Start with starter control, unit stays on. If utility fails, transfer to load takes place.	• Failure to Transfer Protectio	Standard
		• Low Battery Protection	Standard
• Programmable start delay between 10-30 seconds	Standard	• 50 Event Run Log	Standard
• Engine Start Sequence	Cyclic cranking: 16 sec. on, 7 rest (90 sec. maximum duration)	• Future Set Capable Exerciser	Standard
		• Incorrect Wiring Protection	Standard
• Engine Warm-up	5 seconds	• Internal Fault Protection	Standard
• Engine Cool-Down	1 minute	• Common External Fault Capability	Standard
• Starter Lock-out	Starter cannot re-engage until 5 sec. after engine has stopped.	• Governor Failure Protection	Standard
• Smart Battery Charger	Standard		
• Automatic Voltage Regulation with Over and Under Voltage Protection	Standard		

Single and three phase connections may vary , refer to the owner's manual for specific connection information.

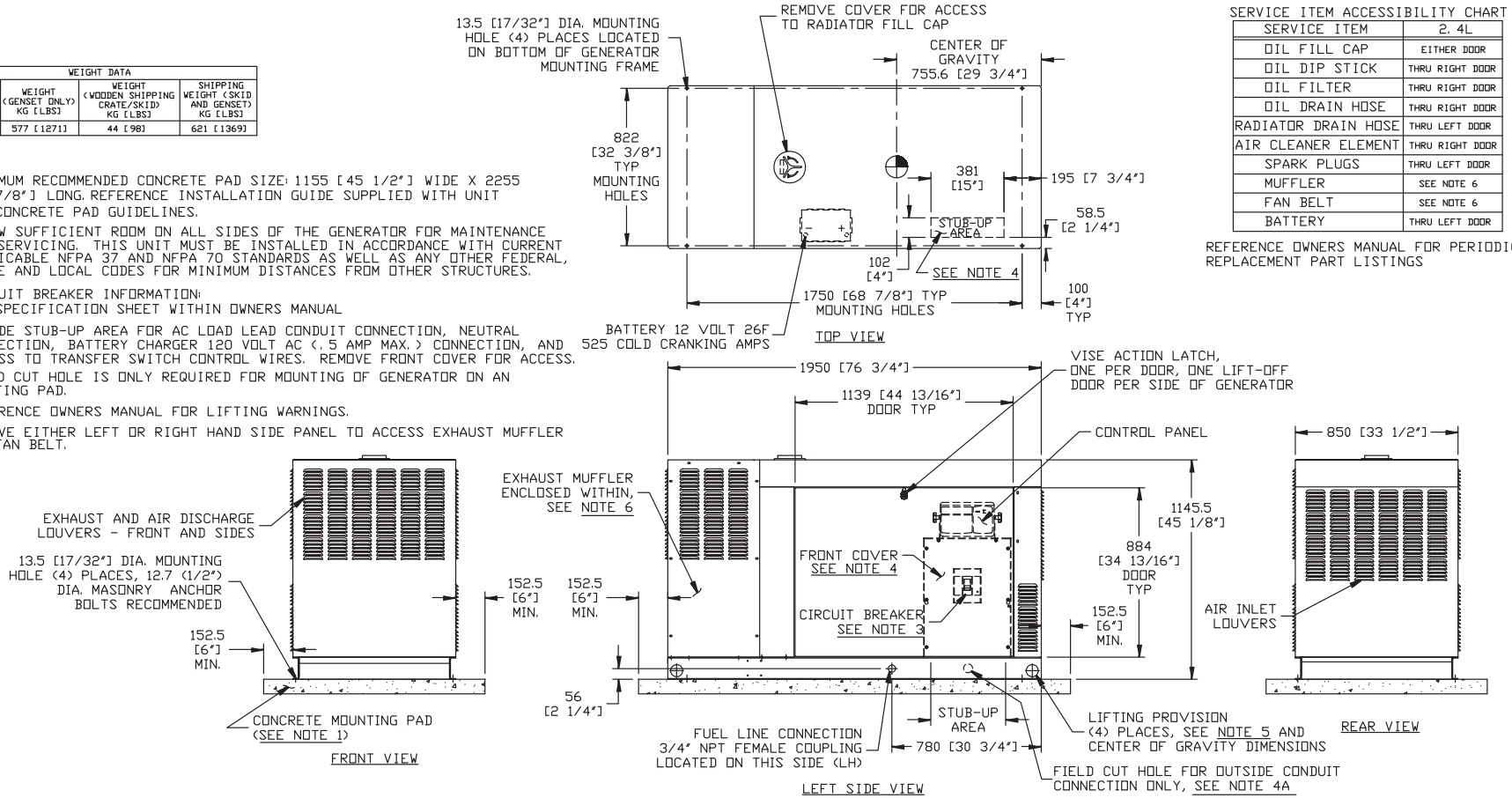
WEIGHT DATA			
ENCLOSURE MATERIAL	WEIGHT (GENSET ONLY) KG [LBS]	WEIGHT (WOODEN SHIPPING CRATE/SKID) KG [LBS]	SHIPPING WEIGHT (SKID AND GENSET) KG [LBS]
ALUMINUM	577 [1271]	44 [98]	621 [1369]

NOTES:

1) MINIMUM RECOMMENDED CONCRETE PAD SIZE: 1155 [45 1/2"] WIDE X 2255 [88 7/8"] LONG. REFERENCE INSTALLATION GUIDE SUPPLIED WITH UNIT FOR CONCRETE PAD GUIDELINES.
2) ALLOW SUFFICIENT ROOM ON ALL SIDES OF THE GENERATOR FOR MAINTENANCE AND SERVICING. THIS UNIT MUST BE INSTALLED IN ACCORDANCE WITH CURRENT APPLICABLE NFPA 37 AND NFPA 70 STANDARDS AS WELL AS ANY OTHER FEDERAL, STATE AND LOCAL CODES FOR MINIMUM DISTANCES FROM OTHER STRUCTURES.
3) CIRCUIT BREAKER INFORMATION: SEE SPECIFICATION SHEET WITHIN OWNERS MANUAL
4) INSIDE STUB-UP AREA FOR AC LOAD LEAD CONDUIT CONNECTION, NEUTRAL CONNECTION, BATTERY CHARGER 120 VOLT AC (.5 AMP MAX.) CONNECTION, AND ACCESS TO TRANSFER SWITCH CONTROL WIRES. REMOVE FRONT COVER FOR ACCESS.

4A) FIELD CUT HOLE IS ONLY REQUIRED FOR MOUNTING OF GENERATOR ON AN EXISTING PAD.

5) REFERENCE OWNERS MANUAL FOR LIFTING WARNINGS.
6) REMOVE EITHER LEFT OR RIGHT HAND SIDE PANEL TO ACCESS EXHAUST MUFFLER AND FAN BELT.



SERVICE ITEM ACCESSIBILITY CHART

SERVICE ITEM	2.4L
OIL FILL CAP	EITHER DOOR
OIL DIP STICK	THRU RIGHT DOOR
OIL FILTER	THRU RIGHT DOOR
OIL DRAIN HOSE	THRU RIGHT DOOR
RADIATOR DRAIN HOSE	THRU LEFT DOOR
AIR CLEANER ELEMENT	THRU RIGHT DOOR
SPARK PLUGS	THRU LEFT DOOR
MUFFLER	SEE NOTE 6
FAN BELT	SEE NOTE 6
BATTERY	THRU LEFT DOOR

REFERENCE OWNERS MANUAL FOR PERIODIC REPLACEMENT PART LISTINGS

Installation Layout

Honeywell

AVAILABLE ACCESSORIES

Model #	Product	Description
5630	Cold Weather Kit	If the temperature regularly falls below 32° F, install a cold weather kit to maintain optimal battery temperature. Kit consists of battery warmer with thermostat built into the wrap.
5616	Extreme Cold Weather Kit	Recommended where the temperature regularly falls below 32° F for extended periods of time. For liquid cooled units only.
6160	Paint Kit	Paint Kit
5656	Scheduled Maintenance Kit	The Liquid-Cooled Scheduled Maintenance Kits offer all the hardware necessary to perform a complete maintenance on Honeywell liquid-cooled generators.
5951	Advanced Sync Wireless Remote	Remotely control generator functions with the advanced model's LED display. In addition to remote testing of the generator, set the excercise cycle and maintenance interval reminders
6102	DLM Load Control Module (50 Amps)	DLM Modules are used in conjunction with the Sync Smart Switch to increase its load management capabilities. It gives the Sync Smart Switch additional load management flexibility not found in any other transfer switch.

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Waukesha, WI 53187
Tel: 1-855-GEN-INFO
honeywellgenerators.com

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Dec 2011

Honeywell

Honeywell

STANDBY GENERATOR

45 kW

LIQUID-COOLED GENERATOR SET

Standby Power Rating

Model HT045 - 45 kW 60Hz

c UL us LISTED

USA ENGINEERED & BUILT

INCLUDES

- Two Line LCD Tri-lingual Digital Sync Controller
- Electronic Governor
- Closed Coolant Recovery System
- Flexible Fuel Line Connector
- Wireless Remote Monitor**
- Sound Attenuated Aluminum Enclosure
- UV/OzoneResistant Hoses
- CA/MA Emissions Compliant*
- Natural Gas or LP Gas Operation
- 5 Year Limited Warranty**
- UL 2200 Listed

* When specified with a catalyst

** 3-Phase systems receive a 2 Year Limited Warranty and do not included the clipped roof corners or the remote monitor.

FEATURES

○ **INNOVATIVE DESIGN & PROTOTYPE TESTING** are key components of our 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 Honeywell generators with the confidence that these systems will provide superior performance.

○ **TEST CRITERIA**
- PROTOTYPE TESTED
- SYSTEM TORSIONAL TESTED
- NEMA MG1-22 EVALUATION
- MOTOR STARTING ABILITY

○ **SOLID-STATE, FREQUENCY COMPENSATED VOLTAGE REGULATION** This state-of-the-art power maximizing regulation system is standard on all Honeywell 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. An unequalled ±1% voltage regulation.

○ **SINGLE SOURCE SERVICE RESPONSE** from our extensive dealer network provides parts and service know-how for the entire unit, from the engine to the smallest electronic component.

○ **Honeywell TRANSFER SWITCHES** The Honeywell generator line offers its own transfer systems and controls for total system compatibility.

45 kW
LIQUID-COOLED GENERATOR SET

Application & Engineering Data

GENERATOR SPECIFICATIONS

• Type	Synchronous
• Rotor Insulation	Class F
• Stator Insulation	Class H
• Telephone Interference Factor (TIF)	<50
• Alternator Output Leads 1-Phase	4 wire
• Alternator Output Leads 3-Phase	6 wire
• Bearings	Sealed Ball
• Coupling	Flexible Disc
• Load Capacity (Standby Rating)	45 kW
• Excitation System	Direct

ENGINE SPECIFICATIONS

• Make	Generac
• Model	V8
• Cylinders	8
• Displacement	5.4 Liter
• Bore	3.55
• Stroke	4.17
• Compression Ratio	9:1
• Intake Air System	Naturally Aspirated
• Lifter Type	Roller, Hydraulic

GOVERNOR SPECIFICATIONS

• Type	Electronic
• Frequency Regulation	Isochronous
• Steady State Regulation	± 0.25%

VOLTAGE REGULATION

• Type	Electronic
• Sensing	Single Phase
• Regulation	± 1%

GENERATOR FEATURES

- Revolving field heavy duty generator
- Directly connected to the engine
- Operating temperature rise 120 °C above at 40 °C ambient
- Insulation is Class F rated at 145 °C rise at 25 °C ambient
- All models are fully prototyped tested

ENGINE LUBRICATION SYSTEM

• Oil Pump	Gear
• Oil Filter	Full flow spin-on
• Crankcase	cartridge
	6.5 Quarts

ENGINE COOLING SYSTEM

• Type	Pressurized Closed
• Fan Speed	1954
• Fan Diameter	22 inches
• Fan Mode	Puller

FUEL SYSTEM

• Fuel Type	Natural gas, propane vapor
• Carburetor	Down Draft
• Secondary Fuel Regulator	Standard
• Fuel Shut Off Solenoid	Standard
• Operating Fuel Pressure	5” - 14” H_2O

ELECTRICAL SYSTEM

• Battery Charge Alternator	12V 30 Amp
• Static Battery Charger	2 Amp
• Recommended Battery	Group 24F, 525CCA
• System Voltage	12 Volts

ENCLOSURE FEATURES

- Aluminum weather protective enclosure – Ensures protection against mother nature. Electrostatically applied textured epoxy paint for added durability.
- Enclosed critical grade muffler – Quiet, critical grade muffler is mounted inside the unit.
- Small, compact, attractive – Makes for easy installation of an eye appealing unit.
- SAE – Sound attenuated eclosure ensures quiet operation.

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). (All ratings in accordance with BS5514, ISO3046, ISO8528, SAE J1349 and DIN6271).

Operating Data

KW RATING (LP/NG)			45/45			
ENGINE SIZE			5.4 Liter V8			
GENERATOR OUTPUT VOLTAGE/KW - 60Hz			kW LPG	AMP	kW Nat. Gas	AMP	CB Size (Both)
120/240V, 1-phase, 1.0 pf			45	188	45	188	200
120/208V, 3-phase, 0.8 pf			45	156	45	156	175
120/240V, 3-phase, 0.8 pf			45	135	45	135	150
277/480V, 3-phase, 0.8 pf			45	68	45	68	80
ENGINE FUEL CONSUMPTION (Natural Gas) (Propane)			Natural Gas (ft^3/hr.)		Propane gal/hr		Propane ft^3/hr
Exercise cycle			95		1		38
25% of rated load			204		2.3		82
50% of rated load			392		4.3		157
75% of rated load			547		6.1		220
100% of rated load*			756		8.3		302
For Btu content, multiply ft^3/hr x 2520 (LP) or ft^3/hr x 1000 (NG)							
ENGINE COOLING							
Air flow (inlet air including alternator and combustion air)	ft^3/min.				4350		
System coolant capacity	US gal.				3.0		
Heat rejection to coolant	BTU/hr.				186,000		
Max. operating air temp. on radiator	°C (°F)				60 (150)		
Max. ambient temperature	°C (°F)				50 (140)		
COMBUSTION AIR REQUIREMENTS							
Flow at rated power 60 Hz	cfm				163		
SOUND EMISSIONS IN DBA							
Exercising at 7 meters					63		
Normal operation at 7 meters					68		
EXHAUST							
Exhaust flow at rated output 60 Hz	cfm				414		
Exhaust temp. at muffler outlet	°F				1025		
ENGINE PARAMETERS							
Rated synchronous RPM	60 Hz				1800		
POWER ADJUSTMENT FOR AMBIENT CONDIIONS							
Temperature Deration - °C	3% for every 10 °C above 1.65% for every 10 °F above - °F				25 77		
Altitude Deration above - m	1% for every 100 m 3% for every 1000 ft. above - ft.				183 600		

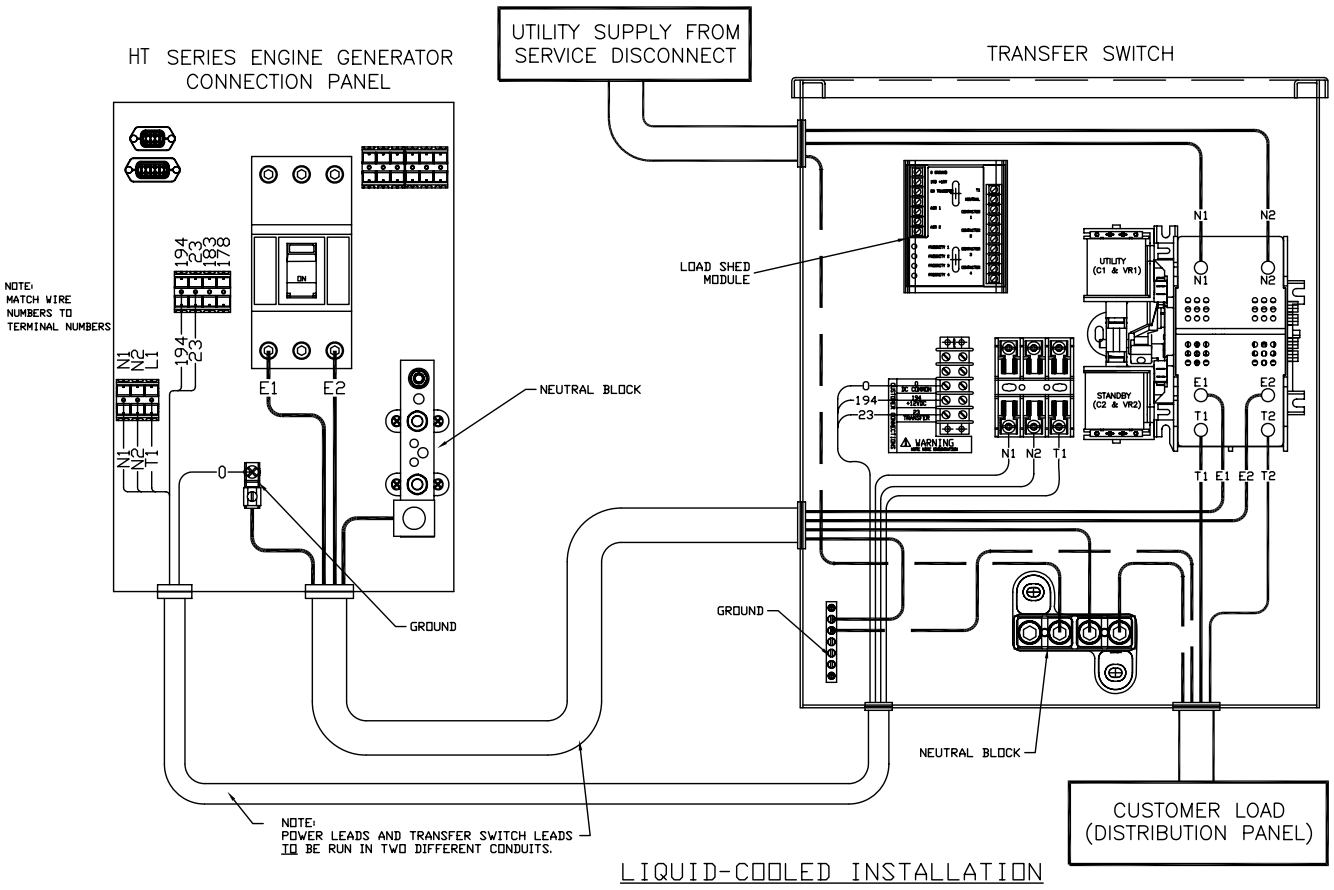
Refer to “Emissions Data Sheets” for maximum fuel flow for EPA and SCAQMD permitting purposes.

RATING: All three phases units are rated at 0.8 power factor. All single phase units are rated at 1.0 power factor. STANDBY RATING: Standby ratings apply to installations served by a reliable utility source. The standby rating is applicable to varying loads for the duration of a power outage. There is no overload capability for this rating. Ratings are in accordance with ISO-3046-1. Design and specifications are subject to change without notice.

45 kW

LIQUID-COOLED GENERATOR SETS

Interconnections



CONTROL FEATURES

• 2-Line Plain Text LCD Display	Simple user interface for ease of operation.	• Automatic Low Oil Pressure Shutdown	Standard
• Mode Switch		• Overspeed Shutdown	Standard
-Auto	Automatic Start on Utility failure. 7 day exerciser	• High Temperature Shutdown	Standard
-Off	Stops unit. Power is removed. Control and charger still operate.	• Overcrank Protection	Standard
-Manual/Test (start)	Start with starter control, unit stays on. If utility fails, transfer to load takes place.	• Safety Fused	Standard
		• Failure to Transfer Protection	Standard
• Programmable start delay between 10-30 seconds	Standard	• Low Battery Protection	Standard
		• 50 Event Run Log	Standard
• Engine Start Sequence	Cyclic cranking: 16 sec. on, 7 rest (90 sec. maximum duration).	• Future Set Capable Exerciser	Standard
• Engine Warm-up	5 seconds	• Incorrect Wiring Protection	Standard
• Engine Cool-Down	1 minute	• Internal Fault Protection	Standard
• Starter Lock-out	Starter cannot re-engage until 5 sec. after engine has stopped.	• Common External Fault Capability	Standard
		• Governor Failure Protection	Standard
• Smart Battery Charger	Standard		
• Automatic Voltage Regulation with Over and Under Voltage Protection	Standard		

Single and three phase connections may vary, refer to the owner's manual for specific connection information.

WEIGHT DATA		
WEIGHT (GENSET ONLY) KG [LBS]	WEIGHT (WOODEN SHIPPING CRATE/SKID) KG [LBS]	SHIPPING WEIGHT (SKID AND GENSET) KG [LBS]
688 [1516]	44 [98]	732 [1614]

NOTES:

1) MINIMUM RECOMMENDED CONCRETE PAD SIZE:1155 (45.5") WIDE X 2255 (88.8") LONG.REFERENCE INSTALLATION GUIDE SUPPLIED WITH UNIT FOR CONCRETE PAD GUIDELINES.

2) ALLOW SUFFICIENT ROOM ON ALL SIDES OF THE GENERATOR FOR MAINTENANCE AND SERVICING. THIS UNIT MUST BE INSTALLED IN ACCORDANCE WITH CURRENT APPLICABLE NFPA 37 AND NFPA 70 STANDARDS AS WELL AS ANY OTHER FEDERAL, STATE AND LOCAL CODES FOR MINIMUM DISTANCES FROM OTHER STRUCTURES.

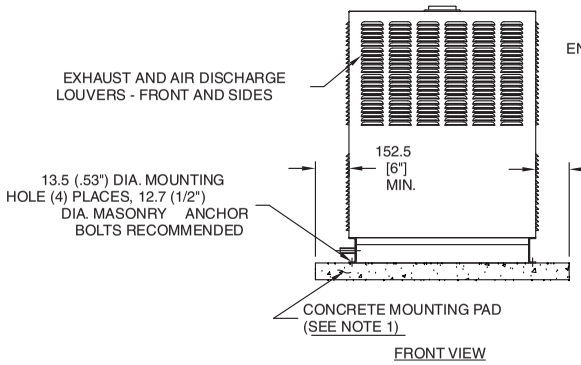
3) CIRCUIT BREAKER INFORMATION: SEE SPECIFICATION SHEET WITHIN OWNERS MANUAL

4) INSIDE STUB-UP AREA FOR AC LOAD LEAD CONDUIT CONNECTION, NEUTRAL CONNECTION, BATTERY CHARGER 120 VOLT AC (.5 AMP MAX.) CONNECTION, AND ACCESS TO TRANSFER SWITCH CONTROL WIRES. REMOVE FRONT COVER FOR ACCESS.

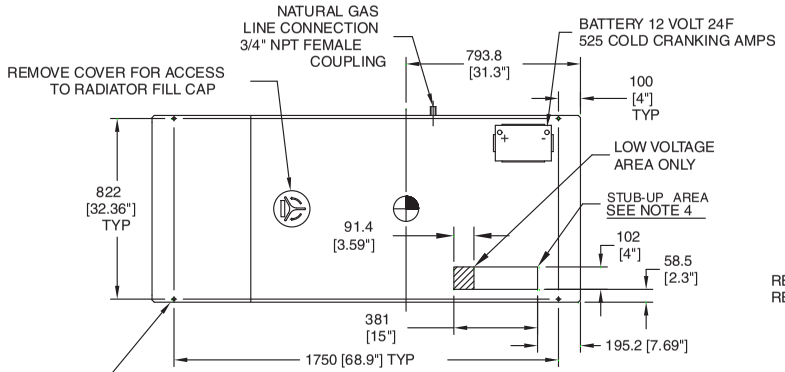
4A) FIELD CUT HOLE IS ONLY REQUIRED FOR MOUNTING OF GENERATOR ON AN EXISTING PAD.

5) REFERENCE OWNERS MANUAL FOR LIFTING WARNINGS.

6) REMOVE EITHER LEFT OR RIGHT HAND SIDE PANEL TO ACCESS EXHAUST MUFFLER AND FAN BELT.

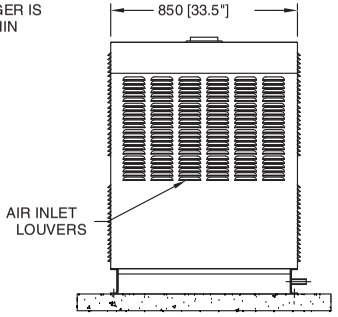


FRONT VIEW



TOP VIEW

LEFT SIDE VIEW



REAR VIEW

SERVICE ITEM ACCESSIBILITY CHART

SERVICE ITEM	
OIL FILL CAP	THRU RIGHT DOOR
OIL DIP STICK	THRU LEFT DOOR
OIL FILTER	THRU LEFT DOOR
OIL DRAIN HOSE	THRU RIGHT DOOR
RADIATOR DRAIN HOSE	THRU LEFT DOOR
AIR CLEANER ELEMENT	BOTH DOORS
SPARK PLUGS	BOTH DOORS
MUFFLER	SEE NOTE 6
FAN BELT	SEE NOTE 6
BATTERY	THRU RIGHT DOOR

REFERENCE OWNERS MANUAL FOR PERIODIC REPLACEMENT PART LISTINGS

Installation Layout

Honeywell

AVAILABLE ACCESSORIES

Model #	Product	Discription
5632	Cold Weather Kit	If the temperature regularly falls below 32° F, install a cold weather kit to maintain optimal battery temperature. Kit consists of battery warmer with thermostat built into the wrap.
6204	Extreme Cold Weather Kit	Recommended where the temperature regularly falls below 32º F for extended periods of time. For liquid-cooled units only.
6160	Paint Kit	Paint Kit
6205	Scheduled Maintenance Kit	The Liquid-cooled Scheduled Maintenance Kits offer all the hardware necessary to perform a complete maintenance on Honeywell liquid-cooled generators.
5951	Advanced Sync Wireless Remote	Remotely control generator functions with the advanced model's LED display. In addition to remote testing of the generator, set the excercise cycle and maintenance interval reminders.
6102	DLM Load Control Module (50 Amps)	DLM Modules are used in conjunction with the Sync Smart Switch to increase its load management capabilities. It gives the Sync Smart Switch additional load management flexibility not found in any other transfer switch.
5621	Auxillary 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.

Generac Power Systems, Inc.
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Waukesha, WI 53187
Tel: 1-855-GEN-INFO
honeywellgenerators.com

0190680SBY-G
March 2013

Honeywell

Automatic Standby Generators

25, 35, 45 kW

A Honeywell generator changes everything. Automatically.
A power outage will have little effect on the things that matter most to you. Home, family, business—this no-worry solution provides the power and assurance for you to feel confident they are protected everyday, whether you are home or away.

Honeywell

Automatic Standby Generators 25, 35, 45 kW

A Honeywell automatic standby generator seamlessly backs up the circuits you choose during a power outage. It automatically starts within seconds of detecting power loss, and runs on the home's existing natural gas or LP fuel supply. Choose a backup option from essential circuit, managed whole-house or complete whole-house coverage.

FEATURES

Remote monitoring included:
Remote monitoring is standard on 10-45 kW residential Honeywell automatic backup generators. Observe generator status, set operation parameters and receive maintenance information—all from the comfort of your home.

PrecisionPower™ utility quality power:
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.

Quiet Operation:
One of the quietest units available. Sound-reducing foam panels buffer noise levels, and the weekly patented WhisperCheck™ self-test mode is even quieter than normal operation.

.

An exterior that withstands the elements
In premium aluminum with RhinoCoat™ finish, the corrosion resistant enclosure is durable and long lasting, a necessity especially in coastal locations.

Transfer Switch Options:
Complete the generator system with a Honeywell Sync Transfer Switch™. Utilizing digital load management, it allows for coverage of two air conditioners without additional components.

SPECIFICATIONS

- Generac commercial engines feature a full pressure lubrication system with low oil and high temperature shutdowns
- Factory set for natural gas, easily converts to liquid propane in the field
- 25 kW and 45 kW approved for 50 state sale *(45 kW requires specified catalyst for CA/MA)*
- 35 kW not for sale in CA/MA

Sync™ Controller

- Manual/auto/off switch
- Programmable seven day exerciser
- Smart battery charger
- Utility & generator voltage sensing
- Utility interrupt delay
- Engine warm-up & cool-down

	25kW	35kW	45kW
Engine	2.4 liter inline 4 Generac	2.4 liter inline 4 Generac	4.2 liter inline 6 Generac
Weight (lb/kilos)	891/405	891/405	1360/617
Dimensions (L x W x H")	62.2•29•33.5	77•33.6•45	77•33.6•45
Fuel Consumption 1/2 Load LP/NG (cu.ft/hr)	149/359	199/480	261/661
UL/CUL Listed	yes	yes	yes

To learn more, go to
honeywellgenerators.com
or call 1-855-GENINFO (436-4636)

Generac Power Systems, Inc.
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Waukesha, WI 53187
1-855-Gen-Info (436-4636)
honeywellgenerators.com

0191980HWL
March 2011

Honeywell

Warranty

GENERAC POWER SYSTEMS "FIVE YEAR" LIMITED WARRANTY FOR HONEYWELL 2013 MODEL SINGLE-PHASE LIQUID-COOLED STATIONARY EMERGENCY GENERATORS BELOW 50KW

For a period of five (5) years from the date of successful activation of the unit, Generac Power Systems, Inc. (Generac) will, at its discretion, repair or replace any part(s) that, upon examination, inspection, and testing by Generac or an Authorized/Certified Honeywell Generator Dealer, or branch thereof, is found to be defective under normal use and service, in accordance with the warranty schedule set forth below. Any equipment that the purchaser/owner claims to be defective must be examined by the nearest Generac or Authorized/Certified Honeywell Generator Dealer, or branch thereof. Repair or replacement pursuant to this limited warranty shall not renew or extend the original warranty period. Any repaired product shall be warranted for the remaining original warranty period only. This warranty applies only to Honeywell Generators used in "Standby" applications, as Generac has defined Standby, provided said generator has been initially installed and/or inspected on-site by Generac or an Authorized/Certified Honeywell Generator Dealer, or branch thereof. It is highly recommended that scheduled maintenance, as outlined by the generator owner's manual, be performed by Generac or an Authorized/Certified Honeywell Generator Dealer, or branch thereof. This will verify service has been performed on the unit throughout the warranty period.

WARRANTY SCHEDULE

YEARS ONE THROUGH FIVE — Limited comprehensive coverage on mileage, labor, and parts.
INTERNATIONAL APPLICATIONS – Limited to 1000 hour of operation.

GUIDELINES:

Travel allowance is limited to 100 miles maximum and three (3) hours maximum (per occurrence, whichever is less), round trip from the nearest Authorized/Certified Honeywell Generator Dealer; and only applies to permanently wired and mounted units. Any additional required travel expense will not be covered by Generac.

1. This warranty only applies to permanently wired and mounted signle-phase units.
2. All warranty repairs, must be performed and/or addressed by an Authorized/Certified Honeywell Generator Dealer, or branch thereof.
3. Units that have been resold are not covered under the Honeywell Warranty, as this Warranty is not transferable.
4. Unit enclosure is only covered during the first year of the warranty provision.
5. Use of Non-Generac replacement part(s) will void the warranty in its entirety.
6. Generac may choose to Repair, Replace or Refund a piece of equipment.
7. Warranty Labor Rates are based on normal working hours. Additional costs for overtime, holiday or emergency labor costs for repairs outside of normal business hours will be the responsibility of the customer.
8. Warranty Parts shipment costs are reimbursed at ground shipment rates. Costs related to requests for expedited shipping will be the responsibility of the customer.
9. Verification of required maintenance may be required for warranty coverage.

THIS WARRANTY SHALL NOT APPLY TO THE FOLLOWING:

1. Any unit built/manufacturer prior to January 2013.
2. Costs of normal maintenance (tune-ups, associated part (s), loose/leaking clamps, adjustments, installation and start-up).
3. Any failure caused by contaminated fuels, oils, coolants/antifreeze or lack of proper fuels, oils or coolants/antifreeze.
4. Units sold, rated or used for "Prime Power", "Trailer Mounted" or "Rental Unit" applications as Generac has defined Prime Power,Trailer Mounted or Rental Unit. Contact a Generac Distributor for Prime Power, Trailer Mounted or Rental Unit definition and warranty.
5. Failures caused by any external cause or act of God such as, but not limited to, collision, fire, theft, freezing, vandalism, riot or wars, lightning, earthquake, windstorm, hail, volcanic eruption, water or flood, tornado, hurricane, terrorist acts or nuclear holocaust.
6. Products that are modified or altered in a manner not authorized by Generac in writing.
7. Failures due, but not limited to, normal wear and tear, accident, misuse, abuse, negligence, or improper installation or sizing.
8. Any incidental, consequential or indirect damages caused by defects in materials or workmanship, or any delay in repair or replacement of the defective part(s).
9. Damage related to rodent and/or insect infestation.
10. Failure due to misapplication, misrepresentation, or bi-fuel conversion.
11. Telephone, facsimile, cellular phone, satellite, Internet, or any other communication expenses.
12. Rental equipment used while warranty repairs are being performed.
13. Modes of transportation deemed abnormal
14. Steel enclosures that are rusting due to improper installation, location in a harsh or saltwater environment or scratched where integrity of paint applied is compromised.
15. Any and all expenses incurred investigating performance complaints unless defective Generac materials and/or workmanship were the direct cause of the problem.
16. Starter Batteries, Fuses, light bulbs, and overnight freight cost for replacement part(s).

THIS WARRANTY IS IN PLACE OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, SPECIFICALLY, GENERAC MAKES NO OTHER WARRANTIES AS TO THE MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Any implied warranties which are allowed by law, shall be limited in duration to the terms of the express warranty provided herein. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to purchaser/owner.

GENERAC'S ONLY LIABILITY SHALL BE THE REPAIR OR REPLACEMENT OF PART(S) AS STATED ABOVE. IN NO EVENT SHALL GENERAC BE LIABLE FOR ANY INCIDENTAL, OR CONSEQUENTIAL DAMAGES, EVEN IF SUCH DAMAGES ARE A DIRECT RESULT OF GENERAC'S NEGLIGENCE. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations may not apply to purchaser/ owner. Purchaser/owner agrees to make no claims against Generac based on negligence. This warranty gives purchaser/owner specific legal rights. Purchaser/owner also may have other rights that vary from state to state.

Honeywell International Inc. makes no representations or warranties with respect to this product.
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GENERAC POWER SYSTEMS, INC. • P.O. BOX 8 • Waukesha, WI 53187 • Ph: 855-GEN-INFO

To locate the nearest Authorized Dealer and to download schematics, exploded parts views and parts lists, visit our website: www.honeywellgenerators.com

Part No. 0K2366 Rev. A (12/12)

Automatic Standby Generators

Commercial 25-150 kW

A Honeywell generator changes everything. Automatically. Protect home, business, and assets—the things that matter most—with the installation of a Honeywell automatic standby generator. With premium features standard, a Honeywell backup generator is the sound business strategy that can keep your business open during a power outage.

Honeywell

Automatic Standby Generators 25 - 150 kW

Your business can't afford to go down when the power goes out. Protect your data, security systems, inventory—in short, your bottom line—with a Honeywell commercial generator. Keep your doors open and your customers buying during the next power outage.

FEATURES

Customized for your specific needs

These generators can be customized in a variety of phases and voltages. From single phase to three phase, these generators can be customized to meet your particular power requirements.

Runs on clean, reliable gaseous fuel

Honeywell automatic standby generators run on a building's existing natural gas or liquid propane fuel supply. These fuels are cleaner, avoiding the spilling and storage issues of diesel, and are in continuous supply.

So quiet you'll forget it's there

The low-speed engine option runs at only 1800 rpm during a power outage, making it not only incredibly quiet, but also extremely fuel efficient. Weekly self-tests on all units run in WhisperCheck™ mode, which is even quieter than normal operation.

An exterior that withstands the elements

In premium aluminum with RhinoCoat™ finish, the corrosion resistant enclosure is durable and long lasting, a necessity in coastal locations.

SPECIFICATIONS

kW Options

- 25, 35*, 45, 60*, 70, 80*, 100, 130, 150
- Units available that meet CA / MA requirements
- UL/CUL listed with a 2 year limited warranty

**Not for sale in CA/MA*

Voltage Options:

- 120/240 1ø, 120/208 3ø, 120/240 3ø, 277/480 3ø

Fuel Options*

- Natural or propane gas
- 25-45 kW are field convertible to LP

Sync™ Controller

- Manual/Auto/Off switch
- Programmable seven day exerciser
- Smart battery charger
- Utility & generator voltage sensing
- Utility interrupt delay
- Engine warm-up & cool-down
- Main line circuit breaker
- Electronic governor with +/- 1% voltage regulation

To learn more, go to
honeywellgenerators.com
or call 1-855-GENINFO (436-4636)

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0191990HWL
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Honeywell

Inverter Generators

800, 1600, 2000 Watts

A Honeywell inverter easily travels to wherever power is needed.

Compact and lightweight, it generates super clean power that's electronics friendly. Hosting a tailgate party or planning a camping trip? Include your Honeywell inverter to power appliances, TVs, or laptops and bring on the food, drink, and game highlights.

Honeywell

Inverter Generators 800, 1600, 2000 Watts

Packing more power generation per pound than standard portable generators, Honeywell inverters are super-quiet, lightweight and fuel efficient.

FEATURES

Really quiet:
Because inverters are fully enclosed, the engine sound is reduced, making them the perfect portable answer for tailgaiting and camping. Inverter technology makes the Total Harmonic Distortion (THD) an incredibly low <3%.

Easy to transport:
The compact units are incredibly lightweight, with the 800 Watt model weighing in at less than 30lbs. The built-in handle makes it easy to transport.

Fuel efficient, exclusive EcoMode™:
Honeywell inverters feature EcoMode, which adjusts engine speed to meet demand. When power needs are low, the engine runs more slowly, resulting in a quieter, more fuel efficient unit.

Control panel with status lights including:

Engine protection
Low-oil shutdown detects low oil level and shuts the engine down to prevent potential engine damage.

Electronic circuit breaker protection
Prevents damage from circuit overload.

How does inverter technology work?
The clean power of a Honeywell inverter is possible because of inverter technology, which takes the raw power produced by the generator and passes it through an electronic microprocessor. The result is clean and stable power comparable to utility power, competely safe for computers and other sensitive electronic devices.

SPECIFICATIONS

	800 Watts	1600 Watts	2000 Watts
Running Watts	800	1600	2000
Starting Watts	850	1650	2200
Engine Size	38cc	99cc	126cc
Engine Type	4 stroke Generac OHV	4 stroke Generac OHV	4 stroke Generac OHV
Low-oil Shutdown	Yes	Yes	Yes
Outlets	(2) 5-15R (1) 120V AC	(2) 5-15R (1) 12V DC (1) 120V AC	(2) 5-15R (1) 12V DC (1) 120V AC
Run Time @ 50% load	3.6 hours	4.9 hours	4.7 hours
12V battery charger	No	Yes	Yes
First Oil Included	Yes	Yes	Yes
Emission Certified	49 states	49 states	49 states
Warranty	2 Year Limited Residential 6 month Commercial	2 Year Limited Residential 6 month Commercial	2 Year Limited Residential 6 month Commercial
Dimensions (L x W x H")	18x10x15	21x11x18	22x12x18
Weight (lbs.)	27.5	47.3	49.6

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Honeywell

Portable Generators

3250, 5500, 6500, 7500 Watts

Get the assurance that no matter what might come your way, you have a dependable backup power supply.
A Honeywell portable generator let's you be prepared for everything from power outages to projects to parties. Designed for years of reliability and ease of use, Honeywell portable generators provide backup power at home or away. Home emergency, events, power tools, and more - there's peace of mind knowing you have a backup power solution ready to go when you need it.

Honeywell

Portable Generators 3250, 5500, 6500, 7500 Watts

Honeywell portable generators are designed to provide a reliable source of portable power ideal for a variety of uses. New features include thicker, more durable handle tubing and grips, and an improved handle-locking mechanism.

FEATURES

Built to last:
With a steel frame protecting the engine from damage, a Honeywell portable generator is ideal for home emergency, events, power tools and more. The Generac OHV engine is built to handle the long run times sometimes required during an outage.

User-friendly control panel:
The updated design features an all-in-one control panel with easily accessible and intuitively placed controls.

Engine protection:
Low-oil shutdown detects low oil level and shuts the engine down to prevent potential engine damage.

Easy to transport and store:
Heavy-duty wheels increase manueverability over uneven terrain and the sturdy, locking, fold-down handles make it compact for storage.

Touch button electric start:
Choose a model with touch button electric start for hassle-free start up, which can be important in the event of a home power outage. Battery included.

CARB Certified Options:
The 3250, 5500 & 7500 are available as CARB certified models.

SPECIFICATIONS

Size	3250	5500/5500E*	6500	7500E*
Running Watts	3250	5500	6500	7500
Starting Watts	3750	6875	8125	9375
Engine Size	208cc	389cc	389cc	420cc
Engine Type	Generac OHV	Generac OHV	Generac OHV	Generac OHV
Low-oil Shutdown	Yes	Yes	Yes	Yes
Outlets	(2) 5-20R 120V (1) L14-20R Twist-Lock 120/240V	(4) 5-20R 120V (1) L14-30R Twistlock 120/240V	(4) 5-20R 120V (1) L14-30R Twistlock 120/240V	(4) 5-20R 120V (1) L14-30R Twistlock 120/240V
Starting Method	Pull	Pull or Electric	Pull	Electric
Run Time @ 50% load	11 hours	9.1 hours	8.8 hours	8.1 hours
Fuel Tank Capacity	4.0 gal.	5.8 gal.	5.8 gal.	5.8 gal.
Handle style	Single, folding	Dual folding/ locking	Dual folding/ locking	Dual folding/ locking
Engine Oil Included	Yes	Yes	Yes	Yes
Emission Certified	49 states/ CSA	49 states/ CSA	49 states/ CSA	49 states/ CSA
Warranty	3 Year Limited Residential 1 Year Commercial	3 Year Limited Residential 1 Year Commercial	3 Year Limited Residential 1 Year Commercial	3 Year Limited Residential 1 Year Commercial
Dimensions (L x W x H")	23x22.5x21	29.8x28.75x 26.75	29.8x28.75x 26.75	29.8x28.75x 26.75
Weight (lbs.)	115	196	189	207

* Indicates electric start

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Honeywell

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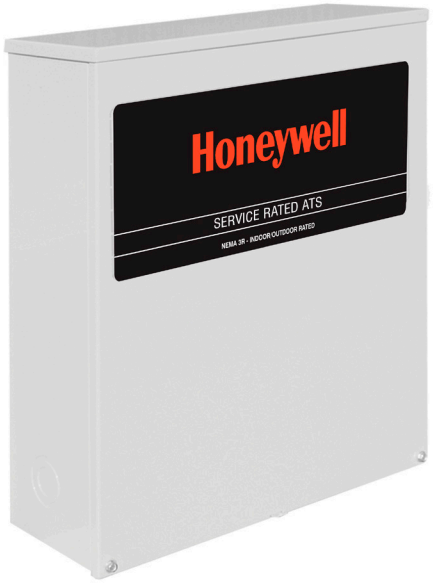
TRANSFER SWITCHES

CSA Certified Service Rated Automatic Transfer Switch

100 - 200 Amps, Single Phase



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FEATURES

- **Honeywell is proud to offer** CSA approved service equipment rated transfer switches for Canadian use. These switches use patent pending technology to allow for use in whole house applications in Canada. The switches are available in 100 and 200 amp ratings for single phase applications. The switches employ CUL rated circuit breakers on the utility side of the transfer contactor for full downstream protection. The aluminum enclosure is rated for NEMA/UL Type 3R installation and is fully protected from the elements.

- **Both 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 and exercising functions.

FUNCTIONS

All timing and sensing functions originate in the generator controller.

• Utility voltage drop-out	<60%
• 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	60% for 5 seconds
• Utility voltage pickup	>80%
• Re-transfer time delay	15 seconds
• Engine cool-down timer	60 seconds
• Exerciser	12 minutes every 7 days

The transfer switch can be operated manually without power applied.

*When used in conjunction with units utilizing Sync™ 2.0 controls

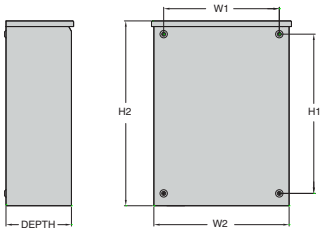
SPECIFICATIONS

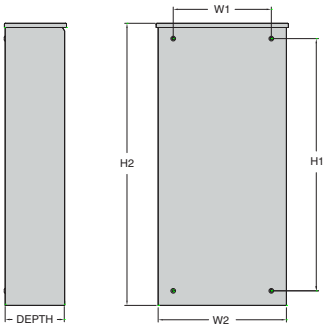
Model	RTSE100A3CSAH	RTSE200A3CSAH
Amps	100	200
Voltage	120/240, 1ø	120/240, 1ø
Load Transition Type (Automatic)	Open Transition Service Rated	Open Transition Service Rated
Enclosure Type	NEMA/UL 3R	NEMA/UL 3R
Withstand Rating (Amps)	10,000	22,000
Lug Range	1/0 - #14	350 MCM - #6

FEATURES

- 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 contactor.
- 30 millisecond transfer time.
- Dual coil design.
- Main contacts are silver plated or silver alloy to resist welding and sticking.
- NEMA/UL 3R (indoor/outdoor rated) aluminum enclosure is standard.
- 5 year comprehensive warranty

100 Amp Switch





200 Amp Switch

DIMENSIONS

Amps	100					200				
External Dimensions	Height		Width		Depth	Height		Width		Depth
	H1	H2	W1	W2		H1	H2	W1	W2	
Inches	16.3	20.2	11.8	14.6	7.1	26	30	12.5	16	7.1
mm	414	513.1	299.7	370.8	180.3	660.4	762	317.5	406.4	180.03
Unit Weight – lbs. kilos	21 9.53					38.5 17.46				

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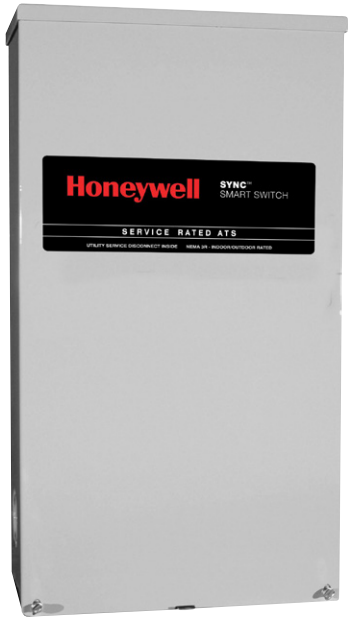
TRANSFER SWITCHES

Sync™ Smart Switch

WITH LOAD SHEDDING CAPABILITY

100 - 400 Amps, Single Phase



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UL

FEATURES

- **Honeywell Sync Smart Switches** are designed for use with single phase generators that utilize a Sync™ 2.0 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.

- **Service rated (RTSG) Honeywell Sync Smart 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. Sync Smart switches are covered by a 5 year comprehensive warranty.

- **DPM TECHNOLOGY** Through the use of Digital Power Management technology (DPM), each of these switches has the capability to truly manage two air conditioning loads with no additional hardware. When used in tandem with the Power Management Module (PMM) starter kit, individual PMMs can be use to intelligently manage up to four more additional loads.

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

FUNCTIONS

All timing and sensing functions originate in the generator controller.

• Utility voltage drop-out	<60%
• 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	60% for 5 seconds
• Utility voltage pickup	>80%
• Re-transfer time delay	15 seconds
• Engine cool-down timer	60 seconds
• Exerciser	12 minutes every 7 days

The transfer switch can be operated manually without power applied.

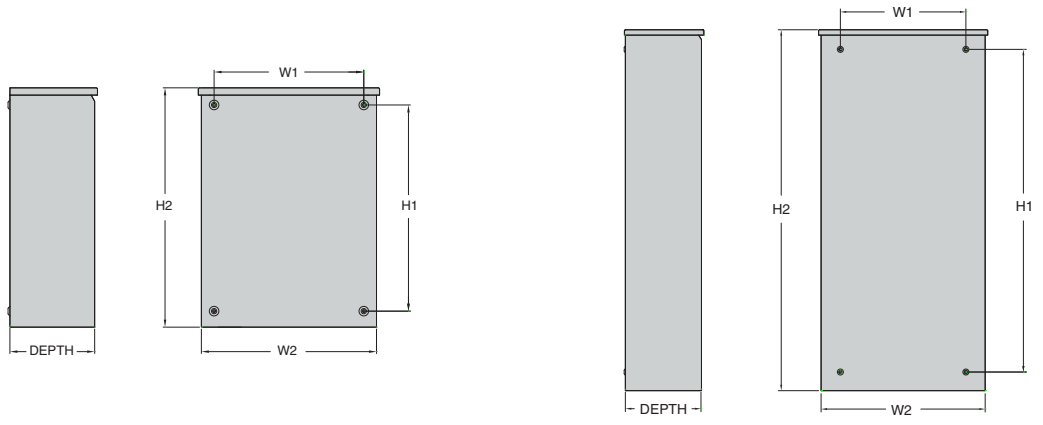
*When used in conjunction with units utilizing Sync™ 2.0 controls

SPECIFICATIONS

Model	RTSV100A3	RTSG100A3	RTSG150A3	RTSV200A3	RTSG200A3	RTSG300A3	RTSV400A3	RTSG400A3
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		

EXTERNAL DIMENSIONS

Model		RTSV100A3	RTSG100A3	RTSG150A3	RTSV200A3	RTSG200A3	RTSG300A3	RTSV400A3	RTSG400A3
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



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TRANSFER SWITCHES

Pre-Wired Switch

PRE-WIRED AUTOMATIC TRANSFER SWITCH WITH BUILT-IN LOAD CENTER

50 Amp, 250 VAC, NEMA 1

Model RTG12EZA1H

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FEATURES

- **The Honeywell Pre-Wired Switch** is designed to operate with the 11kW air-cooled generator. This transfer switch has an integrated load center for picking up the emergency circuits. It is especially useful where the main service is large and only a portion of the building load will be served by the generator. It is available with a built-in 12-circuit load center to supply only those circuits that are essential during an emergency. The pre-wired switch is CUL Listed and suitable for use in optional standby systems (NEC702).

- **The Honeywell Pre-Wired Switch** is housed in a steel NEMA 1 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 and exercising functions.

- **CONTACTOR RATING** The transfer switch contactor is rated at 250 VAC and is available in a single phase configuration only.

FUNCTIONS

All timing and sensing functions originate in the generator controller .

• Utility voltage drop-out	<60%
• 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	60% for 5 seconds
• Utility voltage pickup	>80%
• Re-transfer time delay	15 seconds
• Engine cool-down timer	60 seconds
• Exerciser	12 minutes every 7 days

The transfer switch can be operated manually without power applied.

*When used in conjunction with units utilizing Sync 2.0™ controls

SPECIFICATIONS

Voltage	120/240, 1ø
Amps	50
Circuits: 40A, 240V 30A, 240V 20A, 120V 15A, 120V	1 1 3 5
Phase	1
Rated AC Frequency	60 Hz
Enclosure Material	Steel
Enclosure Type	NEMA 1
Withstand Rating (Amps)	10,000
Lug Range	1/0 - #14
Load Transition Type	Open Transition
30' Whip Conductor Gauges (Hot, Neutral, Ground, Control)	8, 8, 10, 18

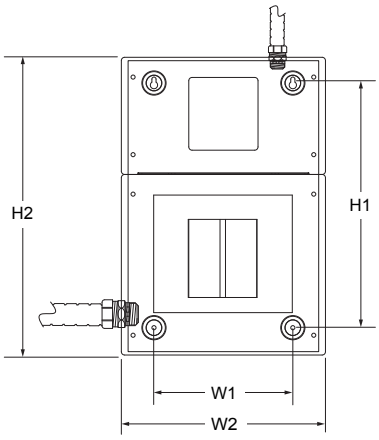
TRANSFER SWITCH FEATURES

- 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 contactor.
- 30 millisecond transfer time.
- Single coil design.
- Main contacts are silver plated or silver alloy to resist welding and sticking.
- NEMA 1 (indoor rated) enclosure is standard.
- 5 year comprehensive warranty

DIMENSIONS

Height			Width			Depth
H1	H2	H3	W1	W2	W3	
18.5 in.	22.5 in.	22 in.	10.5 in.	15.4 in.	14.4 in.	3.8 in
470mm	571.8mm	558.8mm	266.7	392mm	366mm	97.5mm

Note: The 50 Amp switch is flush mountable. H1 and W1 refer to mounting hole spacing. H2 and W2 are cover dimensions. H3 and W3 (not shown in diagram) are the enclosure dimensions without cover.



WIRE RANGES

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

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STANDBY GENERATOR ACCESSORIES

PMM Starter Kit and Individual PMMs

Starter Kit: Model 006200-0
PMM: Model 006187-0

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DESCRIPTION

The Digital Power Management system consists of two parts. The first is the PMM (Power Management Module) Starter Kit, which includes the easily field installed 24VAC transformer and the first 50 amp, 24VAC actuated PMM. **The transformer must be installed in the NEMA 3R Smart Switches to enable the use of PMMs.** The second is the PMM, a 50 amp, 24VAC actuated contactor housed in a NEMA 3R enclosure for indoor and outdoor installation applications. Through the use of the PMMs in conjunction with any of the 100-800 amp, single phase switches, household or business loads can be intelligently managed enabling the use of a smaller, more efficient generator system. Up to four PMMs can be used with a single switch. Both the PMM Starter Kit and individual PMMs have a one year limited warranty.

Note: The Starter Kit and PMM will only work with the RTSG and RTSV transfer switches.

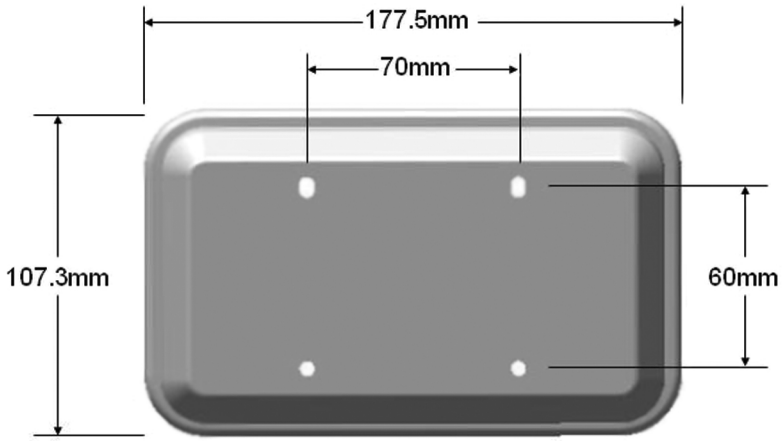
PMM SPECIFICATIONS

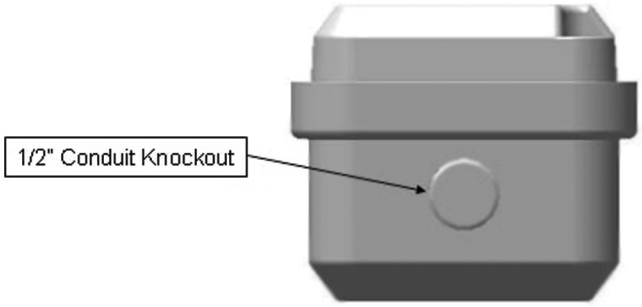
Power Supply Source	Contactor module is supplied with 24VAC from the OPCB (Overload Prevention Control Board) in the transfer switch
Coil VA Inrush	41
Coil VA Sealed	6.5
Poles	2
Voltages	240VAC
Resistive Amps	50
F/L Inductive Amps	40
Locked Rotor Amps	240@240V
Ul 50	Yes

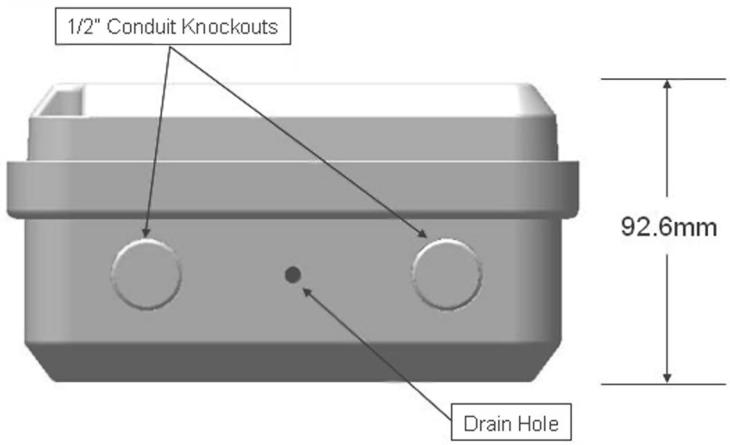
STARTER KIT TRANSFORMER SPECIFICATIONS

Input	120VAC
Output	24VAC
VA	40

PMM dimensions







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