Honeywell

STANDBY GENERATORS

8 kVA / 10 kVA / 13 kVA

AIR-COOLED GENERATOR SETS

USA ENGINEERED & BUILT*

*Built in the USA using domestic and foreign parts

Standby Power Rating

Model 006278-0 (Aluminum - Dark Gray) - 8 kVA 50 Hz
Model 006279-0 (Aluminum - Dark Gray) - 10 kVA 50 Hz
Model 006280-0 (Aluminum - Dark Gray) - 13 kVA 50 Hz

INCLUDES

- Two Line LCD Multilingual Digital Controller (English/Spanish/French/Portuguese)
- Electronic Governor
- External Main Circuit Breaker, System Status & Maintenance Interval LED Indicators
- Sound Attenuated Enclosure
- Flexible Fuel Line Connector
- Composite Mounting Pad
- Natural Gas or LP Gas Operation
- 3 Year/1000 Hour Limited Warranty
- Compatible with RTSI Transfer Switches Only

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, allows you to choose Honeywell™ generators with the confidence that these systems will provide superior performance.

- **TEST CRITERIA**
  - PROTOTYPE TESTED
  - MOTOR STARTING ABILITY
  - SYSTEM TORSIONAL TESTED

- **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.

- **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.

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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.

CONTROLS

• Auto/Manual/Off illuminated buttons	Selects the operating mode and provides easy, at-a-glance status indication in any condition.
• 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.
• Utility interrupt delay	Prevents nuisance start-ups of the engine, adjustable 2-1500 seconds from the factory default setting of 10 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 seven day exerciser	Operates engine to prevent oil seal drying and damage between power outages by running the generator for 12 minutes every week.
• Smart battery charger	Delivers charge to the battery only when needed at varying rates depending on outdoor air temperature.
• Main line circuit breaker	Protects generator from overload.
• Electronic governor	Maintains constant 50 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.

INSTALLATION SYSTEM

• 1 ft (305 mm) flexible fuel line connector • Composite mounting pad	Easy installation.

GENERATOR	Model 006278-0 (8 kVA)	Model 006279-0 (10 kVA)	Model 006280-0 (13 kVA)
Rated Maximum Continuous Power Capacity (LP)	8,000 Watts*	10,000 Watts*	13,000 Watts*
Rated Maximum Continuous Power Capacity (NG)	7,000 Watts*	10,000 Watts*	13,000 Watts*
Rated Voltage	220	220	220
Rated Maximum Continuous Load Current – 220 Volts (LP/NG)	36.4/31.8	45.5/45.5	59/59
Main Line Circuit Breaker	40 Amp	50 Amp	63 Amp
Phase	1	1	1
Number of Rotor Poles	2	2	2
Rated AC Frequency	50 Hz	50 Hz	50 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)	387/175.4	435/197.3	471/213.6
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**	60	60	60

ENGINE				
Type of Engine		GENERAC OHVI V-TWIN	GENERAC OHVI V-TWIN	GENERAC OHVI V-TWIN
Number of Cylinders		2	2	2
Displacement		530 cc	992 cc	992 cc
Cylinder Block			Aluminum w/ Cast Iron Sleeve	
Valve Arrangement		Overhead Valve	Overhead Valve	Overhead Valve
Ignition System		Solid-state w/ Magneto	Solid-state w/ Magneto	Solid-state w/ Magneto
Governor System		Electronic	Electronic	Electronic
Compression Ratio		9.5:1	9.5:1	9.5:1
Starter		12 Vdc	12 Vdc	12 Vdc
Oil Capacity Including Filter		Approx. 1.7 qt/1.6 L	Approx. 1.9 qt/1.8 L	Approx. 1.9 qt/1.8 L
Operating rpm		3,000	3,000	3,000
Fuel Consumption				
Natural Gas	ft^3/hr (m^3/hr)			
	1/2 Load	83 (2.35)	124 (3.51)	146 (4.13)
	Full Load	138 (3.91)	195 (5.52)	225 (6.37)
Liquid Propane	ft^3/hr (gal/hr) [l/hr]			
	1/2 Load	32.8 (0.90) [3.41]	42.8 (1.18) [4.45]	55.2 (1.52) [5.74]
	Full Load	55.2 (1.52) [5.74]	70 (1.92) [7.28]	91.6 (2.52) [9.53]

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.
Outputs are based upon values @ 1000 Btu per cubic feet with NG and 2500 Btu per cubic feet with LP
@ 37.26 Megajoules per cubic meter with NG and 93.15 Megajoules per cubic meter with LP

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		From 140-156 V/175-198 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/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

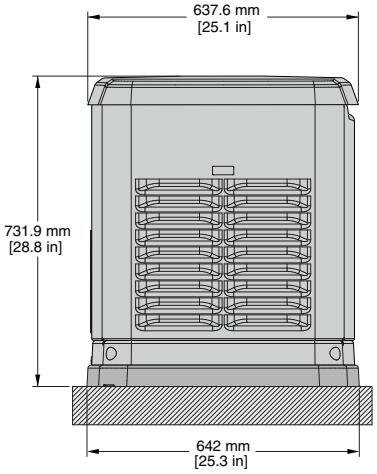
**Sound levels are taken from the front of the generator. Sound levels taken from other sides of the generator may be higher depending on installation parameters. Rating definitions - Standby: Applicable for supplying emergency power for the duration of the utility power outage. No overload capability is available for this rating. (All ratings in accordance with BS5514, ISO3046, DIN6271 and AS/NZS CISPR 12:2009). * Maximum wattage and current are subject to and limited by such factors as fuel Btu content, ambient temperature, altitude, engine power and condition, etc. Maximum power decreases about 3.5 percent for each 1,000 (304.8 meters) feet above sea level; and also will decrease about 1 percent for each 6 °C (10 °F) above 16 °C (60 °F).

AVAILABLE ACCESSORIES

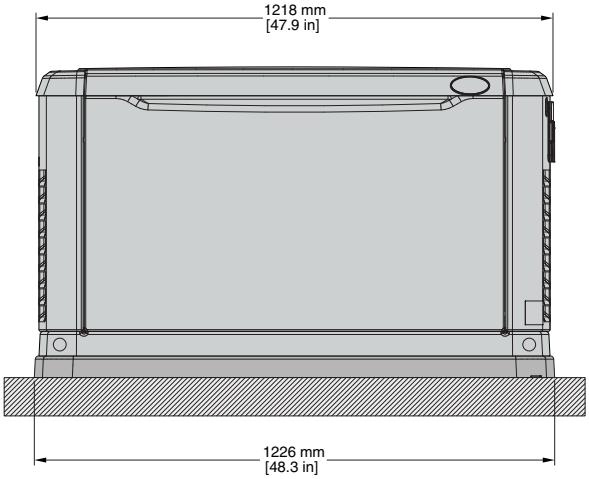
Model #	Product	Description
006212-0	Cold Weather Kit	If the temperature regularly falls below 32 °F (0 °C), install a cold weather kit to maintain optimal battery and oil temperatures. Kit consists of a battery warmer and oil filter heater with built-in thermostats.
006160-0	Paint Kit	If the generator 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.
006483-0 - 8 kVA 006484-0 - 10 &13 kVA	Scheduled Maintenance Kit	Scheduled maintenance kits provide all the hardware necessary to perform complete routine maintenance on a Honeywell automatic standby generator.

DIMENSIONS & UPCs

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



LEFT SIDE VIEW



FRONT VIEW

Model	UPC
006278-0	696471062786
006279-0	696471062793
006280-0	696471062809

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