

17 & 20kW¹ Standby Generator



Briggs & Stratton® The Smart Choice

Durable backup power for businesses and luxury homes. Help eliminate losses from power outages with a Briggs & Stratton® Commercial Standby Generator.



Parts • Labor • Travel
Limited
Warranty

Unique Airflow Technology

- Making these models 50% quieter than most portable generators
- The unique design pushes engine exhaust out the front, directly away from your home

Flexible Placement

- Approved for installation as close as 18" to a building²

Symphony® II Power Management System

- Customizable to your home's needs
- Automatically balances the power of your home's electrical load including high wattage items like air conditioning units and electric ovens
- Offers whole house power with a more affordable home generator

Commercial-Grade Briggs & Stratton Vanguard™ Engine

- Powerful V-Twin OHV engine
- Easy conversion between natural gas (NG) and liquid propane vapor (LP) during installation

Quality Clean Power

- Ensures your electronics are safely powered

Corrosion Resistant Enclosure and Base Options:

- Automotive grade galvanized steel enclosure and base
- Aluminum enclosure and stainless steel base certified to withstand hurricane-force winds up to 175 mph
- Both options utilize powder-coated paint for years of protection against chips and abrasions



Generator Set Rating

	Model	Enclosure Type	Voltage	Phase	Hz	Breaker	Liquid Propane		Natural Gas		Limited Warranty ³	
							LP kW	LP Amps	NG kW	NG Amps	Parts, Labor, Travel	
17 kW	Briggs & Stratton 040549	Galvaneel	120/240	1	60	80	17	70.8	15.3	63.8	5 Year	
20kW	Briggs & Stratton 040336	Galvaneel	120/240	1	60	100	20	83.3	18	75	5 Year	
20kW	Briggs & Stratton 040574	Aluminum	120/240	1	60	100	20	83.3	18	75	5 Year	

¹ This generator is rated in accordance with UL (Underwriters Laboratories) 2200 (stationary engine generator assemblies) and CSA (Canadian Standards Association) standard C22.2 No. 100-04 (motors and generators).

² The installation manual contains specific instructions related to generator placement in addition to NFPA 37, including the requirement that carbon monoxide detectors be installed and maintained in your home.

³ Warranty details available at www.briggsandstratton.com



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Engine Specifications

Engine	
Engine Model	Briggs & Stratton Vanguard™
Engine Model Type Trim Number	613275-0003-E1
Engine Speed (RPM)	3600
Engine Fuel	Liquid Propane (LP) or Natural Gas (NG)
Engine Cylinder Configuration	OHV
Number of Cylinders	2
Displacement (cc)	60.6 / 993
Bore & Stroke (in)	3.37 / 3.41
Compression Ratio	8.5:1
Governor Type	Electronic
Frequency Regulation	+/- 1 Hz
Valves	OHV with Hardened Seats
Ignition System	Fixed timing Magnetron [®] Electric Ignition
Starter Motor Rating Voltage	12 Volt
Battery	12 Volt

Lubrication	
Oil Capacity (oz)	79
Lubrication System	Full Pressure
Recommended Oil	5W30 Full Synthetic
Low Oil Pressure Sensor	Yes

Alternator Specs	
Manufacturer	Briggs & Stratton
Type	Self-Excited, Rotation Field
Voltage Regulator	Automatic
Insulation	Class F

Controller Features	
Hour Meter	Yes
LED Digital Display	Yes
Fault Code Display	Yes
Weekly Exerciser	Yes

Operations

Fuel Consumption ¹					
		50% Load		100% Load	
17kW	Liquid Propane	74 ft ³ / hr	2.06 gal / hr	118 ft ³ / hr	3.28 gal / hr
	Natural Gas	170 ft ³ / hr	—	248 ft ³ / hr	—
20kW	Liquid Propane	83 ft ³ / hr	2.31 gal / hr	135 ft ³ / hr	3.75 gal / hr
	Natural Gas	187 ft ³ / hr	—	260 ft ³ / hr	—

Sound Rating At 7 Meters	
17kW	20kW
64 dBA	64 dBA
Lowest measurement of 12 microphones around generator. Sound level measurement at other locations around generator may be different depending upon installation configuration.	

¹ Fuel consumption rates are estimated based on normal operating conditions. Generator operation may be greatly affected by elevation and the cycling operation of multiple electrical appliances – fuel flow rates may vary depending on these factors.



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Additional Information

Other Features

Enclosure Material	Galvanneal Steel or Aluminum
Overcrank Protection	Yes
Engine Warm Up (sec)	20 or 50 Automatic Transfer Switch Controlled
Engine Cool Down (min)	1
Response Time (sec)	26 or 56 Automatic Transfer Switch Controlled
Monitoring Options	Basic Wireless Monitor InfoHub™ Monitor
Continuous Battery Charging	Yes

Weight and Dimensions

	17kW	20kW
Assembled Weight (lbs)	484	500
Overall Dimensions (in)	50.5 x 32.9 x 31	50.5 x 32.9 x 31
Packaged Weight (lbs)	597	613
Packaged Dimensions (in)	68.1 x 41 x 39.5	68.1 x 41 x 39.5

Certification

CARB Compliant	Yes
NFPA Approved	Yes
cUL Listed to CSA 22.2 NO 100-04	Yes
NEMA Compliant	Yes
EPA Certified Fuel System	Yes

Available Accessories

Maintenance Kit	6035
Cold Weather Kit	6231
Basic Wireless Monitor	6264
InfoHub	6260
Remote Status Monitor	6144

