



10kW¹ STANDBY GENERATOR



BRIGGS & STRATTON® THE SMART CHOICE

For the discerning homeowner that is looking for the smartest, most reliable permanent backup power solution.

FORTRESS™

Introducing our dealer exclusive line. Available at your local Briggs & Stratton Dealer with these great features:

- The industry's longest parts, labor and travel limited warranty
- Installed oil warmer for increased starting protection in colder weather



Designed for Easy Installation & Maintenance

- Easy to move into installation location with two-wheel dolly
- Approved for installation as close as 18" to a building²
- Removable roof and side panels provide better service access to the engine and alternator

Compact Size

- The smallest generator footprint in its class
- Perfect for small properties

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 gas (LP) during installation

Quality Clean Power

- Ensures your electronics are safely powered

Corrosion Resistant Enclosure & Base

- Made with automotive grade galvalume steel to resist rust
- Powder-coated paint for years of protection against chips and abrasions



GENERATOR SET RATINGS

MODEL	VOLTAGE	PHASE	HZ	BREAKER	LIQUID PROPANE GAS		NATURAL GAS		LIMITED WARRANTY ³
					LP kW	LP AMPS	NG kW	NG AMPS	PARTS, LABOR, TRAVEL
Fortress 040545	120/240	1	60	50	10	41.7	9	37.5	6 Year
Briggs & Stratton 040375	120/240	1	60	50	10	41.7	9	37.5	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



ENGINE SPECIFICATIONS

ENGINE	
Engine Model	Briggs & Stratton Vanguard™
Engine Model Type Trim Number	359775-0003E1
Engine Speed (RPM)	3600
Engine Fuel	Liquid Propane (LP) or Natural Gas (NG)
Engine Cylinder Configuration	OHV
Number of Cylinders	2
Displacement (cc)	35 / 570
Bore & Stroke (in)	2.83 / 2.76
Compression Ratio	8.3:1
Governor Type	Mechanical
Frequency Regulation	+/- .5%
Valves	OHV with Hardened Seats
Ignition System	Fixed Timing
Starter Motor Rating Voltage	12 Volt
Battery	12 Volt

LUBRICATION	
Oil Capacity (oz)	48
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 CONSUMPTION¹

	50% Load		100% Load	
Liquid Propane	42.8 ft ³ / hr	1.19 gal / hr	65.6 ft ³ / hr	1.82 gal / hr
Natural Gas	111 ft ³ / hr	—	169 ft ³ / hr	—

SOUND RATING
AT 7 METERS PER ISO 3744

71.3 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.



ADDITIONAL INFORMATION

OTHER FEATURES

Enclosure Material	Galvanneal Steel with Corrosion Resistant Paint
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

Assembled Weight (lbs)	272
Overall Dimensions (in)	28 x 24.4 x 35.1
Packaged Weight (lbs)	330
Packaged Dimensions (in)	39 x 35.5 x 42

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	Fortress 6404
	Briggs & Stratton 6030A
Basic Wireless Monitor	6264
InfoHub	6260
Remote Status Monitor	6144

