



**STANDBY
GENERATORS**

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 vapor (LP) during installation

Quality Clean Power

- Ensures your electronics are safely powered

Corrosion Resistant Enclosure & Base

- Made with automotive grade galvanized 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 | | NATURAL GAS | | LIMITED WARRANTY ⁴ |
|--------------------------|---------|-------|----|---------|----------------|---------|-------------|---------|-------------------------------|
| | | | | | 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 | | LUBRICATION | |
|-------------------------------|---|----------------------------|------------------------------|
| Engine Model | Briggs & Stratton Vanguard™ | Oil Capacity (oz) | 48 |
| Engine Model Type Trim Number | 359775-0003E1 | Lubrication System | Full Pressure |
| Engine Speed (RPM) | 3600 | Recommended Oil | 5W30 Full Synthetic |
| Engine Fuel | Liquid Propane (LP) or Natural Gas (NG) | Low Oil Pressure Sensor | Yes |
| Engine Cylinder Configuration | OHV | ALTERNATOR SPECS | |
| Number of Cylinders | 2 | Manufacturer | Briggs & Stratton |
| Displacement (cc) | 35 / 570 | Type | Self-Excited, Rotation Field |
| Bore & Stroke (in) | 2.83 / 2.76 | Voltage Regulator | Automatic |
| Compression Ratio | 8.3:1 | Insulation | Class F |
| Governor Type | Mechanical | CONTROLLER FEATURES | |
| Frequency Regulation | +/- 2.5 Hz | Hour Meter | Yes |
| Valves | OHV with Hardened Seats | LED Digital Display | Yes |
| Ignition System | Fixed Timing | Fault Code Display | Yes |
| Starter Motor Rating Voltage | 12 Volt | Weekly Exerciser | Yes |
| Battery | 12 Volt | | |

OPERATIONS

| FUEL CONSUMPTION ¹ | | | | SOUND RATING AT 7 METERS | |
|-------------------------------|---------------------------|---------------|---------------------------|--------------------------|--------|
| | 50% Load | | 100% Load | | |
| Liquid Propane | 42.8 ft ³ / hr | 1.19 gal / hr | 65.6 ft ³ / hr | 1.82 gal / hr | 67 dBA |
| Natural Gas | 111 ft ³ / hr | — | 169 ft ³ / hr | — | |

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.



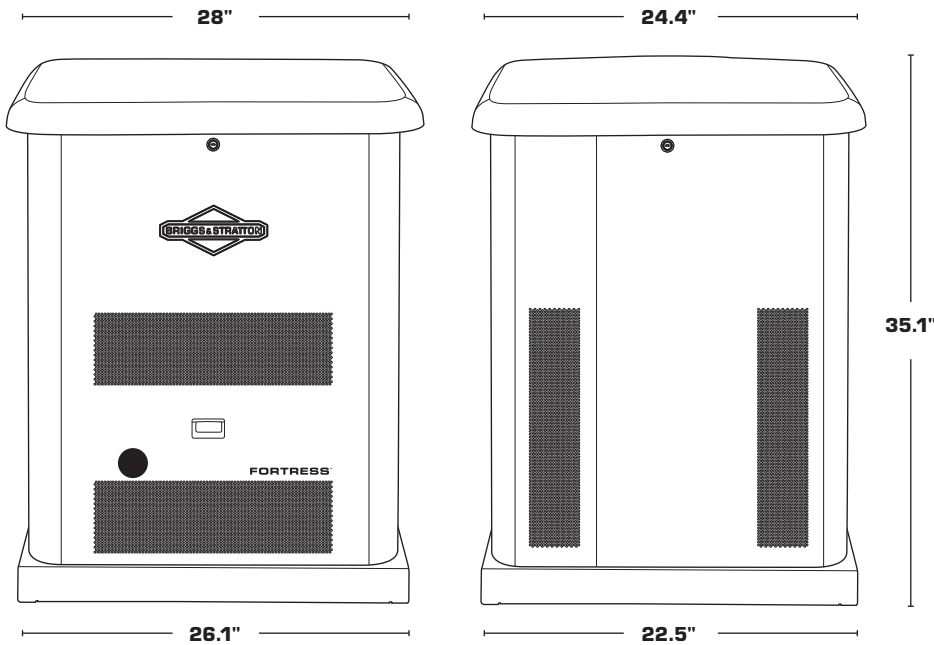
ADDITIONAL INFORMATION

| 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 |

| 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 |

| 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 |

| AVAILABLE ACCESSORIES | | |
|------------------------|-------------------|-------|
| Maintenance Kit | | 6035 |
| Cold Weather Kit | Fortress | 6404 |
| | Briggs & Stratton | 6030A |
| Basic Wireless Monitor | | 6264 |
| InfoHub | | 6260 |
| Remote Status Monitor | | 6144 |





FUEL PIPE SIZE RECOMMENDATION CHART (CAPACITY IN THOUSANDS OF BTU/HOUR)

| Natural Gas / Inlet Pressure less than 2 PSI / Pressure Drop 1/2" Water Column / Specific Gravity 0.60 | | | | | | |
|--|--------------------|--------------------|------------------|----------------------|----------------------|------------------|
| | 1/2" pipe capacity | 3/4" pipe capacity | 1" pipe capacity | 1-1/4" pipe capacity | 1-1/2" pipe capacity | 2" pipe capacity |
| 20' Length* | 118 | 247 | 466 | 957 | 1,430 | 2,760 |
| 40' Length* | 81 | 170 | 320 | 657 | 985 | 1,900 |
| 60' Length* | 65 | 137 | 257 | 528 | 791 | 1,520 |
| 80' Length* | 56 | 117 | 220 | 452 | 677 | 1,300 |
| 100' Length* | 50 | 104 | 195 | 400 | 600 | 1,160 |

| Liquid Propane / Inlet Pressure 11" Water Column / Pressure Drop 1/2" Water Column / Specific Gravity 1.50 | | | | | | |
|--|--------------------|--------------------|------------------|----------------------|----------------------|------------------|
| | 1/2" pipe capacity | 3/4" pipe capacity | 1" pipe capacity | 1-1/4" pipe capacity | 1-1/2" pipe capacity | 2" pipe capacity |
| 20' Length* | 200 | 418 | 788 | 1,617 | 2,423 | 4,666 |
| 40' Length* | 137 | 287 | 541 | 1,111 | 1,665 | 3,207 |
| 60' Length* | 110 | 231 | 435 | 892 | 1,337 | 2,575 |
| 80' Length* | 101 | 212 | 400 | 821 | 1,230 | 2,370 |
| 100' Length* | 101 | 212 | 400 | 821 | 1,230 | 2,370 |

*Total length of piping from outlet of regulator to appliance furthest away.

ADDITIONAL INFORMATION

TRANSFER SWITCH SPECIFICATIONS

| | | |
|-------------------------------------|---|----------------|
| Prewired 16 Circuit | 100 AMP | Model #071076 |
| Standard 16 Circuit | 100 AMP | Model # 071047 |
| Symphony® II | 100 AMP | Model # 071071 |
| Symphony® II | 150 AMP | Model # 071070 |
| Symphony® II | 200 AMP | Model # 071068 |
| Voltage Rating | 120/240 | |
| Number of Protected Circuits | Select Circuit: 16 Symphony® II: Whole House | |
| UL Approved | Yes | |
| NEMA 3R Rated | Yes | |

SUPPORT EVERY STEP OF THE WAY

NEED HELP? Just call 800-759-2744
Our technical support team is trained to answer questions on our generators, transfer switches and accessories.

CALL TODAY FOR A FREE IN-HOME ESTIMATE!
800-743-4115

Disclaimer: Not for Prime Power or use where standby systems are legally required, for serious life safety or health hazards, or where lack of power hampers rescue of fire-fighting operations.

BRIGGS & STRATTON

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