

30kW¹ STANDBY GENERATOR



Easy to Service

- · Convenient access to maintenance and disassembly points for quicker trouble-free servicing.
- Easier to open gas spring roof keeps the hood in place while making repairs
- Direct access to engine, alternator and fuel system

Quality Clean Power

• Ensures your electronics are safely powered

Liquid-Cooled Briggs & Stratton Engine

- Delivers the dependability homeowners expect from their generator
- Tailored to standby generator applications with hardened seats and valves.
- Easy conversion between natural gas (NG) and liquid propane gas (LP) during installation

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 block heater for increased starting protection in colder weather



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

Corrosion Resistant Enclosure & Base

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



GENERATOR SET RATINGS

						Liquid Pr	OPANE GAS	NATUR	RAL GAS	LIMITED WARRANTY ²
MODEL	VOLTAGE	POWER FACTOR	PHASE	HZ	BREAKER	LP kW	LP AMPS	NG kW	NG AMPS	PARTS, LABOR, TRAVEL
Fortress 076880	120/240	1	1	60	150	30	125	30	125	6 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 Warranty details available at www.briggsandstratton.com

30kW STANDBY GENERATOR



ENGINE SPECIFICATIONS

ENG	GINE	LUBRI	LUBRICATION		
ngine Model	Briggs & Stratton®	Oil Capacity (oz)	128		
ngine Model Type Trim Number	BS481Q49	Lubrication System	Full Pressure		
ngine Speed (RPM)	3600	Recommended Oil	5W30 Full Synthe		
ngine Fuel	Liquid Propane (LP) or Natural Gas (NG)	Low Oil Pressure Sensor	Yes		
ngine Cylinder Configuration	Inline	ALTERNAT	TOR SPECS		
lumber of Cylinders	4	Туре	Brushless, Rotati		
)isplacement (cu.in/cc)	97 / 1587	Voltage Regulator	Automatic		
ore & Stroke	3.19 & 3.03 in / 81 & 77 mm	Insulation	Class H		
ompression Ratio	9.5:1	CONTROLLE	R FEATURES		
•		Hour Meter	Yes		
overnor Type	Electronic	LED Digital Display	Yes		
requency Regulation	+/25%	Fault Code Display	Yes		
alves	OHV with Hardened Seats				
gnition System	Electronic	Weekly Exerciser	Yes		
tarter Motor Rating Voltage	12 Volt				
attery	12 Volt				

OPERATIONS

FUEL CONSUMPTION ¹							
	50%	Load	100%				
Liquid Propane	115 ft³ / hr	3.2 gal / hr	175 ft ³ / hr	4.9 gal / hr	Lowest meas		
Natural Gas	275 ft ³ / hr	_	415 ft ³ / hr	_	Sound level m may be differe		

Sound Rating At 7 Meters per ISO 3744

66 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.

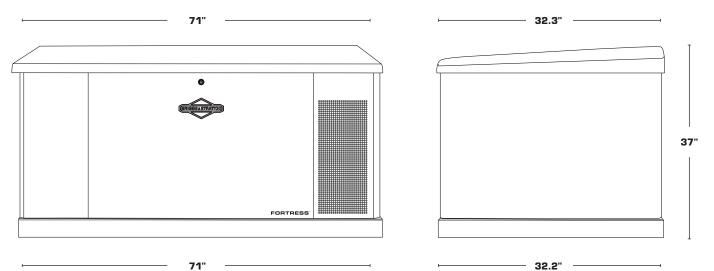




ADDITIONAL INFORMATION

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	Basic Wireless Monitor InfoHub™ Monitor				
Continuous Battery Charging	Yes				
WEIGHT AND DIMENSIONS					
Assembled Weight (lbs)	1086				
Overall Dimensions (in)	71 x 32.2 x 37				
Packaged Weight (lbs)	1135				
Packaged Dimensions (in)	75.2 x 36 x 43.7				

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	6268					
Cold Weather Kit	6182					
Basic Wireless Monitor	6229					
InfoHub	6260					
Remote Status Monitor	6144					



71"



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

Natural Gas/Inlet Pressure less than 2 PSI/ Pressure drop .05" w.c./ 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

Propane, Pipe/Tubing, Second, Single or Integral Twin Stage Pipe Sizing 11" Water Column Inlet with a 1/2" Water Column Drop Maximum Capacity of Pipe or Tubing

	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*	94	198	372	764	1,144	2,204
100' Length*	84	175	330	677	1,014	1,954

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

ADDITIONAL INFORMATION

TRANSFER SWITCH SPECIFICATIONS					
Symphony [®] II	200 AMP Model # 07				
Symphony® II Dual 200 Amp	2x200/400	Model # 071057			
Voltage Rating	120/240				
Number of Protected Circuits	Whole House				
UL Approved	oved 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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