



# STANDBY GENERATORS

## SYNERGY ELECTRIC INC.

# 25KW<sup>1</sup> STANDBY GENERATORS



### FEATURES AND BENEFITS

#### Powerful and Reliable Engine

Robust automotive style engine, tested to Briggs & Stratton quality and durability standards, delivers the consistent performance at 3600 rpm resulting in the dependability homeowners expect from backup generators.

#### Power Solution Options

Choose from two power solutions depending on the home's electric service demands:

Whole House Power system provides backup power to the whole house. Allowing access to all the essentials plus all the high wattage items as if the power has never gone out.

Managed Whole House system provides power to all of the essentials while using the Air Conditioner Control Module (ACCM) to manage power to two high wattage appliances, such as the air conditioner. For additional use of high wattage appliances, add our Load Control Center to manage up to 6 high wattage appliances.

#### Quick Response

Automatically powers your business in seconds after sensing a power outage.

#### 4-Year Limited Parts and Labor Warranty<sup>2</sup>

At Briggs & Stratton, we stand behind our product by offering a comprehensive warranty.

### AFFORDABLE. BACKUP POWER FOR LIGHT COMMERCIAL BUSINESSES

When the power goes out, a 25kW Briggs & Stratton standby generator keeps your customers up and running. In seconds, our commercial-grade generator dependably provides a business with enough power to run heat or air conditioning units, while still being able to turn on lights.

Briggs & Stratton has been providing reliable engine power for more than 105 years. Trust the proven power experts at Briggs & Stratton for complete peace of mind.

To learn more, visit [www.powernow.com](http://www.powernow.com).

### GENERATOR SET RATINGS

LP GAS		NATURAL GAS		VOLTAGE	POWER FACTOR	PHASE	HZ	BREAKER
kW <sup>1</sup>	AMPS	kW <sup>1</sup>	AMPS					
25	104	25	104	120/240	1.0	1	60	125

<sup>1</sup> 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)

## FEATURES & BENEFITS

### DURABLE ENCLOSURE

Our galvanneal steel enclosures are made from the same materials that are used in the automotive industry. In combination with an advanced powder coat paint process, the result is years of protection against chips and abrasions.

### QUALITY POWER

Constant, reliable power is delivered to sensitive appliances and electronics.

### USER-FRIENDLY CONTROLLER

Conveniently monitors diagnostic conditions, displays system service codes and sets weekly exercise cycle - all from an easy-to-read scrolling LED display.

### EASY TO SERVICE

Convenient access to disassembly points for quicker trouble-free servicing. The hinged roof with gas shocks keep the roof open allowing for top down access to the engine. While the easy to remove side panels allow easy service access from the front and back.

## WHY CHOOSE BRIGGS & STRATTON?

Briggs & Stratton offers a full line of automatic Standby Generators from 8-60kW<sup>1</sup> for protection during a power outage.

### TRUSTED BRAND

Briggs & Stratton has been providing reliable engine power for more than 105 years. It's a name that your customers know and trust. Customers are confident that Briggs & Stratton products have the power to perform for many years.

### RELIABLE PRODUCTS

Field-driven design and extensive testing from prototype to production help ensure that customers are receiving one of the best standby generators available.

Trust the proven power experts at Briggs & Stratton for complete peace of mind.

ENGINE SPECIFICATIONS	25kW <sup>1</sup>
Engine Model	1.6L Gaseous
Engine Type	In-line
Engine Cylinder Configuration	OHV
Number of Cylinders	4
Engine Speed	3600 RPM
Displacement (cu.in./cc)	96.8/1587
Bore (in)	3.189
Stroke (in)	3.03
Engine Weight (lbs)	283
Engine Fuel	Liquid Propane Gas/Natural Gas
Induction System	Naturally Aspirated
Starter	Electric
Valves	OHV with Hardened Seats
Air Filter Type	UL Listed Dry Cartridge
Governor Type	Electronic
Frequency Regulation	+/- 0.25%
Start Type	Automatic
Lubrication System	Full Pressure
Recommended Oil	SAE 5W30 Full Synthetic
Oil Capacity (oz.)	128
Oil Cooler	No
Low Oil Pressure Sensor	Yes
Cooling System Type	Liquid-cooled

TRANSFER SWITCH SPECIFICATIONS (OPTIONS)	
Current Rating	200A or 2 x 200A
Enclosure	NEMA 3R
Listed	UL 1008
Voltage Ratings	120/240
Wired Whip	No
200A Dimensions (L x W x H)	7.0" x 16.0" x 22.0"
2x200A Dimensions (L x W x H)	7.3" x 16.0" x 30.1"

WEIGHT AND DIMENSIONS	25kW <sup>1</sup>
Assembled Weight (lbs)	1056
Assembled Dimensions (L x D x H)	71" x 32.3" x 37"
Packaged Weight (lbs)	1086
Packaged Dimensions (L x D x H)	75.8" x 36" x 43.7"

## LP GAS CONSUMPTION<sup>3</sup> 25kW<sup>1</sup>

100% Load (ft/hr / gal/hr)	155/4.3
50% Load (ft/hr / gal/hr)	105/2.9

## NG FUEL CONSUMPTION<sup>3</sup> 25kW<sup>1</sup>

100% Load (ft/hr)	368
50% Load (ft/hr)	252

## OTHER FEATURES

Enclosure Material	Galvalume with Corrosion Resistant Paint
Overcrank Protection	Yes
Engine Warm-up (sec)	20 or 50 ATS Jumper Controlled
Engine Cool Down (min)	1
Response Time (sec)	26 or 56 ATS Jumper Controlled
2 Wire Sensing	Yes
Continuous Battery Charging	Yes
Battery	Group 26R
Monitoring	Basic Wireless Monitor (Sold Separately) InfoHub Wireless Monitor (Sold Separately)
Fuel Shutoff	Dual fuel solenoid
Ground Stud	Located on frame

## SOUND RATING AT 7 METERS, PER ISO 3744

No Load (dBA)	69
Normal Operation (dBA)	70

## CERTIFICATIONS

UL	Yes
cUL	Yes
EPA	Yes

## LIMITED WARRANTY<sup>2</sup>

Warranty Duration (Product )	4-Years
------------------------------	---------

## ALTERNATOR SPECIFICATIONS

Type	Brushed
Voltage Regulation	Automatic
Number of Poles	2
Temperature Rise	120° C

## CONTROLLER FEATURES

Hour Meter	Yes
Weekly Exerciser	Yes



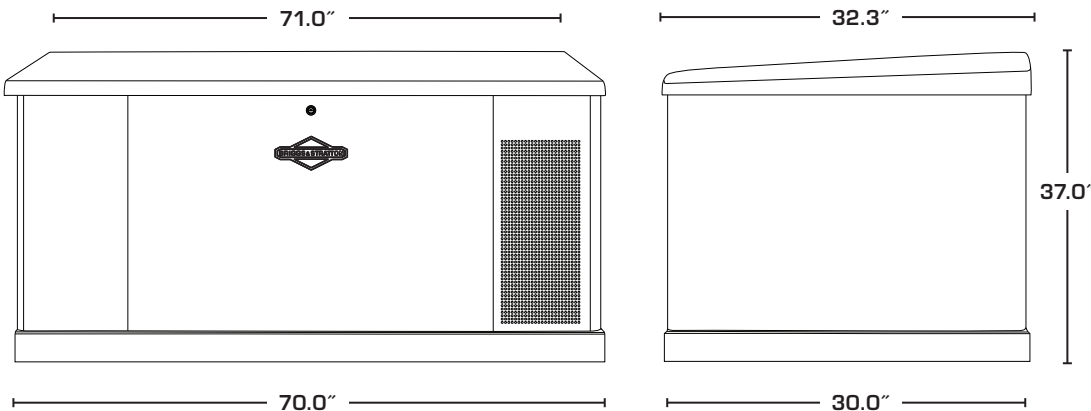
## CONTROLLER SERVICE CODES

- System status alerts are communicated to the Basic Wireless Monitor or the InfoHub™ Wireless Monitor. These alerts will let the home owner and/or dealer know what service needs to be performed on the generator.**
1. Low battery voltage
  2. Low oil pressure
  3. Low coolant level
  4. Under/over voltage
  5. Engine does not start
  6. Low frequency
  7. Engine overspeed
  8. High oil temperature
  9. High coolant temperature
  10. Transfer switch
  11. Battery charge circuit
  12. Generator sense
  13. Service engine
  14. No wireless communication
  15. Control board lock

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.

<sup>2</sup> Warranty details available at [briggsandstratton.com](http://briggsandstratton.com)

<sup>3</sup> 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.



## 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.

**READY TO PLACE AN ORDER?  
OUR TEAM IS READY TO HELP.  
CALL 1-87-RELY-ON-US.**

### MODEL NUMBERS

25kW <sup>1</sup> Generator	076180
200A, Whole House	071036
2x200A, Whole House	071058
Load Control Center	071035

# SYNERGY ELECTRIC INC.

**25 Mohawk Drive, Suite D  
Leominster, MA 01453  
www.electricsynergy.com  
generators@electricsynergy.com**

**CALL TODAY FOR A FREE  
ON-SITE ESTIMATE!  
978.537.9473**

### TRANSFER SWITCHES

#### BRIGGS & STRATTON TRANSFER SWITCH

The options for the 25kW<sup>1</sup> standby generators include:

- 200 Amp Whole House Transfer Switch
- Dual 200A Whole House Transfer Switch which is ideal for standard split 400A service homes with two 200A distribution panels.

Our 200 Amp transfer switches feature an Air Conditioning Control Module (ACCM) that manages the load of one or two air conditioners while keeping household appliances powered.

Flexible, indoor or outdoor, transfer switch placement make it convenient to install. All of our weather-resistant transfer switches are NEMA 3R rated for maximum protection against dirt, rain, sleet and snow.

### AVAILABLE ACCESSORIES

#### MAINTENANCE KIT (6268)

Maintenance kits help you complete scheduled and preventative maintenance on your standby generator. Designed specifically for your generator's needs, each maintenance kit contains oil and air filters, an oil funnel, synthetic oil, and spark plugs.

#### COLD WEATHER KIT (6270)

Ensure smooth operation in the winter months. The thermostatically controlled battery warmer and engine block heater activate as the temperature drops helping the standby generator operate in colder temperatures. The 25kW<sup>1</sup> standby generator systems using this kit have been tested to start as low as -20° F. Kit includes engine block heater and battery warmer.

#### BASIC WIRELESS MONITOR (6229)

Easy, trouble-free monitoring is a reality with the Briggs & Stratton® Basic Wireless Monitor. Place the wireless monitor in your home and know your generator is working without ever having to go outside.

#### INFOHUB™ WIRELESS MONITOR (6260)

Using your computer, tablet or smart phone, standby generator owners can instantly check their generator's system status from home or away. The cellular-based system sends generator status alerts or maintenance needs to your personal email, phone and/or servicing dealer's phone.