



# STANDBY GENERATORS



## Features and Benefits

- The smart way to direct backup power anywhere in your house, without the need for a large, expensive generator.
- Lets you prioritize the use of up to 8 high-wattage appliances
- Actively monitors and manages power usage to protect against generator overload
- Customized installation that can easily be adapted to meet your changing power requirements.

## Symphony® II Power Management System

Whole-house power is now a whole lot more affordable with Briggs & Stratton's new Symphony® II Power Management system. As the most customizable Power Management system anywhere, this patented technology is the easiest way to give your family unprecedented peace of mind and protection during a power outage.

Symphony® II Power Management automatically balances the power needs of your home's electrical loads — including high-wattage items like air conditioning units, electric stoves and electric dryers — to give your family uninterrupted, whole-house power with a more affordable home generator. To learn more, visit [BRIGGSandSTRATTON.COM](http://BRIGGSandSTRATTON.COM).





## How Symphony® II Works

With Symphony® II Power Management, you can select up to eight high-wattage appliances based on your family's specific power needs. It then manages the distribution of power from the generator to those appliances — automatically. This load management ensures the generator won't overload so your family can continue with its daily routine uninterrupted.

Additionally, the Symphony® II Power Management transfer switch is wired into your home's existing wiring, where it monitors your home's electrical circuits, so you save even more on the cost of installation.

## How You Save with Symphony® II

Symphony® II Power Management lets you purchase a smaller, more affordable home generator system while maintaining the comfort of whole-house power. With Symphony® II Power Management, you'll benefit from:

- A reduced initial investment
- Lower fuel costs
- Lower installation costs

## What's a transfer switch?

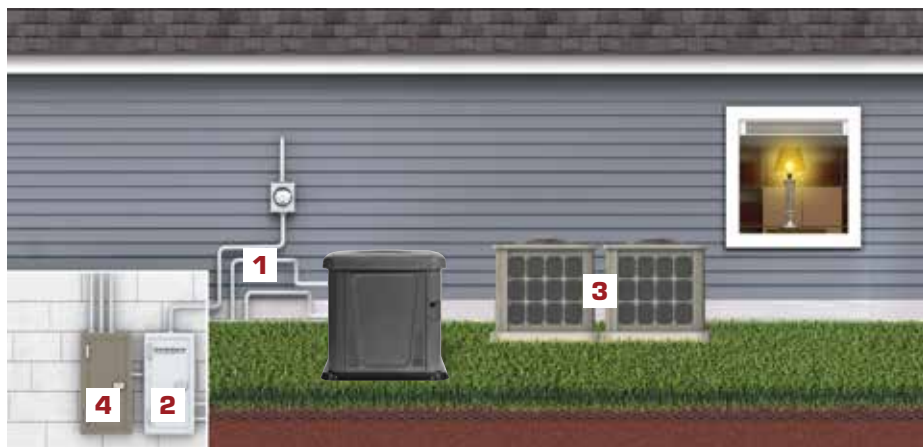


Usually installed outside next to your electric meter or inside right next to your circuit breaker box, a transfer switch senses when your utility power is out and automatically "switches" the home over to generator power. Also, the transfer switch houses the brains, or controller, of the Symphony® II Power Management System.

## What's a module?



The Symphony® II modules communicate with your generator via your home's existing wiring, saving you installations costs. Inside the module is a switch that merely turns an appliance on or off. The modules can be placed anywhere throughout the home for a customized installation. The Symphony® II Power Management System includes 1 or 2 modules (model dependent), which is sufficient for most homes. Additional modules can easily be added to manage more appliances.



# SYMPHONY® II

POWER MANAGEMENT TECHNOLOGY

## How Does the Symphony® II Power Management System Work?

- 1 When a power outage occurs, the transfer switch senses it, automatically starts your generator and quickly switches your home to backup power to maintain essential power needs.
- 2 The advanced Symphony® II transfer switch and modules then go to work by measuring your generator's power output and automatically turning each high-wattage appliance on as power becomes available.
- 3 The Symphony® II system continues to manage the high wattage appliances, like air conditioners, to ensure that the generator is never overloaded.
- 4 When utility power is restored, the system automatically connects your home back to utility power, shuts the generator down and resumes monitoring your home's connection to local utility power.

SYMPHONY® II TRANSFER SWITCH OPTIONS	
<b>Amps</b>	100A, 150A, 200A or Dual 200A
<b>Voltage</b>	120/240V
<b>Common Features</b>	2 Poles, 60Hz Frequency, Nema 3R, UL 1008 Listed
<b>Power Management</b>	Whole House, Symphony® II Power Management System
<b>Priorities</b>	120/240V 8 priorities with unlimited "lockouts"
<b>Modules</b>	50A, Low Voltage for HVAC, or Dual Low Voltage
<b>Monitoring</b>	Conventional outlet plug-in monitor system status and availability of managed loads
<b>Service Entrance Disconnect*</b>	Yes

\*Review local codes to determine if a transfer switch with separate service entrance disconnect is required.



Briggs & Stratton Corp. reserves the right to make changes in specifications and features shown herein, or discontinue the product described at any time without notice or obligation.





## HGS-GE AUTOMATIC TRANSFER SWITCHES

### TRANSFER SWITCHES

	Model Number	071057	071071	071070	071068	071054	01918	071047	071055	071069	071038	071045	071046	071036	071058
Brand		Symphony® II	Symphony® II	Symphony® II	Symphony® II	Symphony® II	Briggs & Stratton	Briggs & Stratton	Briggs & Stratton	Briggs & Stratton	Briggs & Stratton	Briggs & Stratton	Briggs & Stratton	Briggs & Stratton	Briggs & Stratton
Transfer Switch Rating	Amps	2 X 200	100	150	200	200	50	100	100	150	200	100	200	200	2 X 200
Power Management		Symphony® II	Symphony® II	Symphony® II	Symphony® II	Symphony® II	None	ACCM	ACCM	ACCM	ACCM	ACCM	ACCM	ACCM	ACCM
Generator Disconnect Breaker	Amps	200 Accessory	100 Accessory	100 Accessory	100 Accessory	200 Accessory	None	None	None	100 Accessory	None	100 Accessory	100 Accessory	200 Accessory	200 Accessory
Service Entrance Rated		Yes	Yes	Yes	Yes	Yes	No	No	No	Yes	No	Yes	Yes	Yes	Yes
Utility Disconnect Breaker	Amps	200	100	150	200	200	None	None	None	150	None	100	200	200	200
UL file		E203048 Series 200D SED	E203048 Series 100SED	E203048 Series 200SED	E203048 Series 200SED	E203048 Series 200SED	E203048 Series 50	E309405 Series 100P	E203048 Series 100	E203048 Series 200SED	E203048 Series 200	E203048 Series 100SED	E203048 Series 200SED	E203048 Series 200SED	E203048 Series 200SED
Circuits		None	None	None	None	None	10	16	None	None	None	None	None	None	None
L (Depth)	Inches	7.0	6.4	7.3	7.3	7.3	5.4	6.4	6	7.3	7	6.4	7.3	7.3	7
W	Inches	23.7	14.0	15.9	15.9	15.9	14.5	14	12	15.9	16	14	15.9	15.9	23.7
H	Inches	37.2	24.1	30.1	30.1	30.1	21.2	24.1	16	30.1	22	24.1	30.1	30.1	37.2
Weight w/ Packaging	Lbs	119	59.0	63	63	63	30	42	25	63	40	42	63	63	118
Weight (Lbs) No Packaging	Lbs	106	55.9	58	58	58	29	39	22.6	58	37.2	38.9	58	60.1	105
Interrupting Rating	Amps	25 kAIC	22 kAIC	25 kAIC	25 kAIC	25 kAIC	N/A	N/A	N/A	25 kAIC	N/A	22 kAIC	25 kAIC	25 kAIC	25 kAIC
Wire Lugs	Utility	6AWG - 250MCM	14AWG - 1/0	None	None	None	14-6 AWG	14AWG - 1/0	14-1/0	None	6-250	14AWG - 1/0	None	None	6AWG - 250MCM
	Generator	6AWG - 250MCM	14AWG - 1/0	14AWG - 1/0	14AWG - 1/0	None	14-6 AWG	14AWG - 1/0	14-1/0	14AWG - 1/0	14-1/0	14AWG - 1/0	14AWG - 1/0	N/A	6AWG - 250MCM
	Load	6AWG - 250MCM	14AWG - 1/0	6AWG - 250MCM	6AWG - 250MCM	6AWG - 250MCM	14-6 AWG	N/A	14-1/0	6AWG - 250MCM	6-250	14AWG - 1/0	6AWG - 250MCM	6AWG - 250MCM	6AWG - 250MCM

### SHARED SPECIFICATIONS OF TRANSFER SWITCHES

Type	Open Transition
Poles	2 per Switch
Application	Single Phase
Rated Voltage	240 Volts
Frequency	60 Hz
Enclosure	Powder Coated Galvanneal
Rating	NEMA 3R
Color	Gray



## HGS-GE AUTOMATIC TRANSFER SWITCHES

### MODULES

Type	Line Voltage	Low Voltage	Dual Low Voltage
Model Number	071051	071052	071053
Amperage	50		
Voltage	240 or 120V	120 V	120V
Frequency	60 Hz	60 Hz	60 Hz
Application	Any 120 or 240 V Circuit	Thermostatically controlled appliances	Thermostatically controlled appliances
Examples	Stove, Dryer, Pump	Air conditioner	2 air conditioners, heat pump
Enclosure Rating	NEMA 4	NEMA 4	NEMA 4
Color	Gray	Gray	Gray
Enclosure Material	Plastic	Plastic	Plastic
Warranty	3 years	3 years	3 years
Dimensions	8.75" L x 5.5" W x 3" L (8.75" L x 7.25" W x 3" L including mounting legs)		
Weight	4.4 lbs	2 lbs	2.1 lbs
Wiring Size	8	18	18
UL Listed	Yes	Yes	Yes
Communication	Symphony II PLC	Symphony II PLC	Symphony II PLC

### TRANSFER SWITCH OPERATIONS & SETTINGS

Utility voltage drop-out	<70%
Time for generator to start	6 second factory set
Engine warm-up delay	20 or 50 seconds
Utility voltage pickup	>80%
Managed Loads Delay	5 mins after transfer
Re-transfer delay	10 seconds
Cool-down timer	60 seconds
Exerciser (controlled by generator)	20 minutes every 7 days

Briggs & Stratton Corp. reserves the right to make changes in specifications and features shown herein, or discontinue the product described at any time without notice or obligation.

**BRIGGS & STRATTON**  
CORPORATION

STANDBY POWER GROUP  
MILWAUKEE, WI 53201 USA  
414 259 5333  
Copyright ©2014. All rights reserved.  
HGS001065-12/15