



Home Generator Systems

BUYING GUIDE





Home Generator Systems

PERMANENT PROTECTION FOR YOUR
HOME AND FAMILY

Take charge before the power goes out with a Home Generator System from the power experts at Briggs & Stratton.

TRUST
THE POWER EXPERTS

Day after day, year after year, professionals the world over put their faith in Briggs & Stratton engines to supply reliable power when its needed most. Built upon a century of consumer power expertise, Home Generator Systems deliver the same practical, innovative features and reliable performance that people expect from all Briggs & Stratton products.

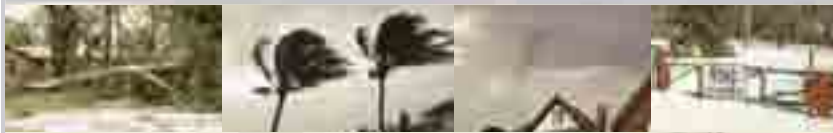


3.5 million people lose power in the US each week.

Electric Power Research Institute



TAKE CHARGE BEFORE THE POWER GOES OUT



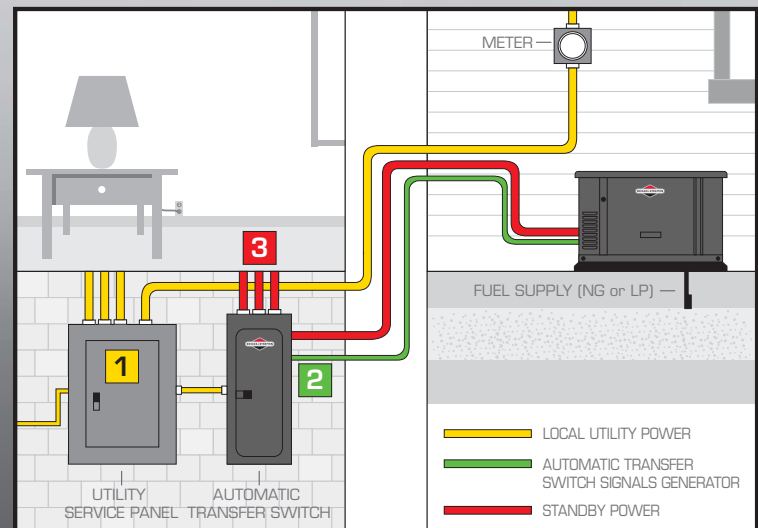
We rely on electricity more than ever, but it doesn't take much for power to be disrupted. Even a short power outage leaves you without the creature comforts we all take for granted.

Briggs & Stratton offers a full range of home generator systems, and each is the culmination of nearly a century of consumer power expertise. From professional sizing and installation to world class service and support, trust the proven experts at Briggs & Stratton for complete peace of mind.

HOW IT WORKS

Home Generator Systems feature a continuous fuel supply from either Natural Gas or Propane and are permanently connected to your home's electrical system for an automatic response to power failure.

- 1** The Home Generator System's advanced electronics continually monitor your home's connection to local utility power.
- 2** When utility power is disrupted, the system confirms that a true power outage has occurred and signals the standby generator to start.
- 3** The system supplies backup power to your home within 30 seconds. When utility power is restored, the system automatically senses it, restores utility power, and resumes monitoring until the next utility failure.



WHICH GENERATOR IS RIGHT FOR YOU? INTRODUCING **TWO LEVELS OF COMFORT**



Which system is right for you?

Visit our interactive sizing guide:

powernow.com



IntelliGEN[™] SERIES

For extra comfort & control, consider the essential and high-powered appliances you want to power like central air conditioning, heat pumps, well pumps, stoves & more.




EMPOWER[™] SERIES

Home Standby Generators in this range provide enough automatic power for the basics like lighting, refrigerator, freezer, TV, furnace fans, small AC & more.



* Check the appliance manufacturer's specifications for actual power demand. Consult a certified Briggs & Stratton professional for your exact residential power requirements.



■ Compact, affordable,
permanent Home
Standby Power.

■ Whether you are
home or away, never
be without power
again.

EMPOWER[®] Series

○
**PERMANENT PROTECTION
FROM A PROVEN PERFORMER**

7KW DUAL-MODE

7KW, 10KW AUTOMATIC



Shown: POWERNOW! Mode



Get immediate backup power today like a portable generator, permanently installed backup power after the storm - all in one system!

- **Versatile, Affordable Backup Power:** Rain or shine, you can get immediate backup power within an hour without permits or installation, and permanently installed backup power after the initial crisis has been averted.
- **Durable, Compact Outdoor Enclosure:** Unique design provides the smallest footprint in its class and blends in with any home style or yard. Features premium storm grey automotive paint for durable, quiet all-weather protection.
- **Hassle-Free Fueling:** POWERNOW! mode features a convenient duo gas grill propane tank connection which means no more long gasoline lines in a power crisis. After the storm the system can be easily connected to a permanent fuel supply (Natural gas or larger Propane tank) and your home's electrical system in time for the next power outage.
- **Powerful and Reliable:** A durable Briggs & Stratton Extended Life Series® engine provides years of reliable backup power.

Get Affordable, Fully Automatic Standby Power In One Compact System.

- **Fully Automatic:** Whether you are home or away, the system is permanently installed to your home and shuts on and off as needed.
- **Durable, Compact Outdoor Enclosure:** Unique design provides the smallest footprint in its class and blends in with any home style or landscape. Features premium storm grey automotive paint for durable, quiet all-weather protection.
- **Hassle-Free Fueling:** Runs on Propane or Natural Gas – no more long gas lines and the need to store and pour gasoline.
- **Powerful and Reliable:** A durable Briggs & Stratton Extended Life Series® (7kW) or Vanguard™ (10kW) engine provides years of reliable backup power.
- **Remote System Status:** Provides weekly computer-controlled reporting of generator exercise performance with 4 diagnostic alerts- all from the comfort of your home.




POWERNOW! 7kW Includes Turnkey Extras: The system includes propane quick connection kit with propane tank cover, automatic battery charger, 2 polymer installation pads, pre-poured synthetic oil, and comes pre-run at the factory, eliminating hidden costs with your installation. 20 lb. propane tanks sold separately.




7,10kW Automatic Includes Turnkey Extras: The system includes automatic battery charger, polymer installation pad, pre-poured synthetic oil and hour meter and comes pre-run at the factory, eliminating hidden costs with your installation.

MODEL NUMBER	040248
Watts (lp/ng)	7,000/6,000
Starting watts (lp/ng)	10,500/9,000
Transfer switch	Sold Separately
Warranty	2 Year Comprehensive
Sound rating	77 dB
Engine	504cc Extended Life Series®
Fuel type	Propane Or Natural Gas
Fuel consumption (@1/2 load)	0.91 Gal/Hr (LP)
Dimensions / weight (unit only)	30.5" x 22.5" x 32.5" / 280 lbs.

040220	040243
7,000/6,000	10,000/9,000
10,500/9,000	12,500/11,750
Sold Separately	
2 Year Comprehensive	
77 dB	77 dB
504cc Extended Life Series®	570cc Vanguard™
Propane Or Natural Gas	
0.91 Gal/Hr (LP)	
30.5" x 22.5" x 32.5" / 280 lbs.	30.5" x 22.5" x 32.5" / 300 lbs.



**Premium whole
house power at an
affordable price.**



**Patented Controls
Manage two central
ACs while protecting
against power overload.**

IntelliGEN™ Series

**PREMIUM WHOLE HOUSE
COMFORT & CONTROL**

12-20KW AUTOMATIC



1 Briggs & Stratton V-Twin Commercial Engine: Application-engineered to stringent commercial specifications, these premium Vanguard™ engines will provide years of long lasting, reliable standby power.

2 Sound Shield™ Technology: Engineered sound passages, an automotive-style exhaust system and acoustic foam dampeners ensure ultra-quiet, neighbor-friendly operation. (65-68 dB under normal operation)

3 Patented Central Air Technology: The AC Power Control™ feature allows you to manage the high power demands of up to two 5-ton central air conditioners in addition to essential items while protecting against AC overload. (12kW – one 4-ton A/C, 15kW – two 4-ton A/C, 18/20kW – two 5-ton A/C)

4 Overload Protection: When multiple high wattage items attempt to start at the same time, the power demand can cause unprotected generators to overload and shut down. Stay up and running without fear of a sudden overload with our patented transfer switch technology featuring exclusive overload protection controls.

5 CoastGuard™ All-Climate Enclosure: Perfect for coastal climates, this premium enclosure features heat resistant polymer vents and louvers, rounded corners, and an automotive rust proofing paint process for years of 4-season outdoor protection. Backed by a 3 year warranty.

6 Remote System Status: Transmits advanced diagnostic reporting on 8 different system functions (twice the protection of the leading competitor) to a safe location inside your home.

7 Calisthenic Mode: Some standby generators sacrifice a comprehensive weekly exercise cycle by reducing engine RPMs in exchange for a brief reduction in sound levels. Briggs & Stratton's exclusive Calisthenic mode is not only ultra quiet, but it also exercises the engine & alternator at a full 3600rpm, providing comprehensive engine component lubrication and detailed performance diagnostics that ensure your generator is in top condition.



12-20kW Systems Include: Automatic battery charger, polymer installation pad, pre-poured synthetic oil, and hour meter and comes pre-run at the factory, eliminating hidden costs with your installation.

MODEL NUMBER	040229
Watts (lp/ng)	12,000 / 11,000
Starting watts (lp/ng)	15,000 / 13,750
Transfer switch	Sold Separately
Warranty	4 Year Limited
Sound rating	65 dB* - Sound Shield™ Technology
Engine	627cc B&S Commercial V-Twin
Fuel type	Propane Or Natural Gas
Fuel consumption (@1/2 load)	1.13 Gal/Hr (Lp)
Dimensions / weight (unit only)	48" X 33" X 30.5" / 442.5 Lbs.

040234	040226	040228
15,000 / 14,000	20,000 (LP)	18,000 (NG)
18,750 / 17,500	28,000 (LP)	25,000 (NG)
Sold Separately		
4 Year Limited		
65 dB* - Sound Shield™ Technology	68 dB* - Sound Shield™ Technology	
895cc B&S Commercial V-Twin	993cc B&S Commercial V-Twin	
Propane Or Natural Gas	Propane	Natural Gas
1.36 Gal/Hr (Lp)	1.95 Gal/Hr	160,000 Btu/Hr
48" X 33" X 30.5" / 480 Lbs.	48" X 33" X 30.5" / 600 Lbs.	

AUTOMATIC TRANSFER SWITCHES

How to Select the Ideal Automatic Transfer Switch

Need help selecting a Home Generator System? Visit powernow.com for a detailed sizing guide. Once you've selected a generator, selecting an automatic transfer switch requires that you focus on three things:

1. Service Amps: Automatic transfer switches come in a three common sizes: 50 amps, 100 amps and 200 amps. To determine your needs, first take a look at the main breaker on your distribution panel. If you have a 200 amp main breaker (which is common in new homes), you will need a 200 amp WHOLE HOUSE automatic transfer switch. If you have a 100 amp main breaker (which is common in older homes), you will need a 100 amp WHOLE HOUSE automatic transfer switch. A 50 amp 12 circuit switch will work with either a 100 or 200 amp service and is the best solution when you have selected a smaller generator (7-10kW).

2. Installation: Once you have selected a switch, there are basically two ways to install an automatic transfer switch:

Standard Installation The most common option is to install it inside the home next to the main distribution panel. Your electrician will also need to install a sub-panel to manage the load properly.

Service Disconnect Briggs & Stratton also offers automatic transfer switches with "service entrance disconnect". These outdoor transfer switches are connected directly to your home's utility meter instead of the main circuit panel. The service disconnect option eliminates the need for the sub-panel.

3. Power/Performance Upgrades (100, 200-amp Switches):

AC Power Control Module™ When the power goes out, most people think that they have to go without central air conditioning to weather the storm. Keep your cool with Briggs & Stratton's patented computer-controlled transfer switches featuring the AC Power Control Module that manage up to two central air conditioners while safeguarding against power overload (Switches: 071007, 071018, 071019, 071024, 071025). The size of your generator dictates the level of comfort provided by this feature. 12kW – One 4-Ton AC 15kW – Two 4-Ton ACs 20kW – Two 5-Ton ACs.

Command Central™ Featuring patented computer-controlled technology, the Command Central upgrade is designed to expand your generator's range and performance by automatically prioritizing and managing 6 additional high power demand appliances. The end result: Command Central's advanced computer controls optimize your Home Generator System for whole house power with a smaller, less expensive generator, up to 50% less fuel consumption, 50% less sound, lower emissions, and advanced overload protection



	MANUAL SWITCHES				STANDARD AUTOMATIC SWITCHES		
Model Number	071002	071003	071004	071005	01917	01918	071006
Recommended for Use with Home Generators	7kW Dual-Mode		7kW - 10kW			7kW - 20kW	
Common Features	120/240 Voltage, 2 Poles, 50/60 Frequency, UL 1008 Listed						
Nema Rating	Nema I	Nema 3R	Nema 1	Nema 3R	Nema 1	Nema 3R	Nema 3R
Circuits	9 (12 Max)	9 (12 Max)	9 (12 Max)	9 (12 Max)	10	10	16
AC Power Control Module Upgrade	No	No	No	No	No	No	No
Amps	30A	30A	50A	50A	50A	50A	100A
Service Entrance Disconnect	No	No	No	No	No	No	No
Dimensions (LxWxH)	14.25" x 16.5" x 3.75"	14.3" x 16.75" x 5.3"	14.3" x 16.9" x 3.9"	14.3" x 16.75" x 5.3"	14.1" x 21" x 4"	14.25" x 6" x 21"	14" x 24" x 6.1"
Weight	20.5 lbs.	30.4 lbs.	30.4 lbs.	30.4 lbs.	25.5 lbs.	29 lbs.	22.6 lbs.

	ACCM-II (AC POWER CONTROL MODULE) SWITCHES					COMMAND CENTRAL
Model Number	071007	071018	071019	071024	071025	071013
Recommended for Use with Home Generators	12kW - 20kW					
Common Features	120/240 Voltage, 2 Poles, 50/60 Frequency, Nema 3R, UL 1008 Listed					
Power Management Method	ACCM-II, Patented A/C Power Control Module™					ACCM-II, Command Central™
Circuits	16	Whole House				6 240V Circuits
Amps	100A	100A	200A	100A	200A	200A
Service Entrance Disconnect	No			YES		No
Dimensions (LxWxH)	14" x 24" x 6.1"	12" x 6" x 16"	12" x 6" x 22"	16" x 7" x 22"	16" x 7" x 30"	12" x 6" x 22"
Weight	39 lbs.	24 lbs.	37 lbs.	38 lbs.	64 lbs.	18.2 lbs.

UPGRADES/ACCESSORIES

POWER MANAGEMENT UPGRADES



12kW - (1) 4-Ton
15kW - (2) 4-Ton
20kW - (2) 5-Ton

AC Power Control Module™

When the power goes out, most people think that they have to go without high wattage items like Central Air conditioning or hot water to weather the storm. Briggs & Stratton is the only manufacturer with patented transfer switch controls that allow you to manage these high power appliances in addition to household essentials. The size of your generator dictates the level of comfort provided by this feature.

Look for transfer switches featuring the AC power control module. *IntelliGEN 12-20kW*



Command Central™

Model: 71035

Featuring patented computer-controlled technology, the Command Central™ upgrade further expands your generator's range and performance by automatically prioritizing and managing an additional 6 high demand appliances. The end result: Advanced computer controls provide seamless, highly efficient whole house power with up to 50% less fuel consumption, 50% less sound, lower emissions and exclusive overload protection. *IntelliGEN 12-20kW*

PERFORMANCE MONITORING UPGRADES



StatStation™

Model: 40238

You'll never need to leave your house to communicate with your IntelliGEN™ generator. The StatStation™ is a wireless, handheld LCD monitor that gives you detailed, easy-to-read reports on your IntelliGEN's system status, diagnostic test results, real-time power performance and more – all from the safety of your home. *IntelliGEN*



WaterSiren™

Model: 6153

The WaterSiren™ sounds a loud 90dB siren upon sensing unwanted water in your home. Upon alarm, WaterSiren closes or opens. The WaterSiren can be used with the GenAlert™ or GenAlert Plus™ to initiate a call to up to 3 telephone numbers. *EmPower and IntelliGEN*



GenAlert™ Phone Dialer

Model: 040205

Monitors your Home Generator System's performance, automatically calling you via telephone if a problem has occurred. *EmPower and IntelliGEN*



GenAlert™ Plus Phone Dialer

Model: 040206

Adds to GenAlert™ the ability to check current temperature and power status in your home. Calls up to 3 separate numbers. *EmPower and IntelliGEN*



Indoor Wattage Monitor

Model: 6090

This device keeps track of the percentage of power your generator is using in real time. Plugs into a standard wall outlet. *EmPower*

MAINTENANCE ACCESSORIES



Cold Weather Package:

(includes Battery Warmer and Oil Heater)

Model: 6030 120 V

Battery Warmer:

Model: 01914 120 V; Model: 01915 240 V

Oil Heater Kit:

Model: 01916 240 V

An oil heater and battery warmer are both thermostatically controlled to heat up when the temperature drops, ensuring smooth starting and engine operation. *EmPower and IntelliGEN*



Maintenance Kit

Model: 6034 7kW Models

Model: 6035 10-12kW Models

Model: 6036 15-20kW Models

Includes special UL air filter, pre-cleaner, spark plugs, oil filter, and synthetic oil. *EmPower and IntelliGEN*



Model: 6034



Model: 6035



Model: 6036

TRUST

A DECISION THIS IMPORTANT
TO BRIGGS & STRATTON



Briggs & Stratton's Home Generator System program is the culmination of nearly a century of home power expertise. From product selection and installation to legendary service & support, you can count on our extensive network of power experts to safeguard your home and family when the power goes out.

Have a question? We can help.

1-87-RELY-ON-US

powernow.com



Hardy Diesels & Equipment
800 341 7027
www.hardydiesel.com