



## Home Generator Systems



Briggs & Stratton, a trusted brand for nearly a century, is proud to offer the EmPower® Series of Home Generator Systems. Featuring affordable options from 7kW - 10kW, these systems offer a permanent, reliable solution to power failure and provide a continuous connection to natural gas or propane for years of uninterrupted operation.

Permanent protection from a proven performer - that's EmPower.



Permanent Protection from a Proven Performer



**EMPower®**  
**Series**

**EMPower**  
Series



AVAILABLE  
NOVEMBER 2007

Model Number	POWERNOW! 40248	EM7RS 40224	EM7 40220	EM10 40243
Watts LP/NG	7,000W (LP) / 6,000W (NG)			10,000W (LP) / 9,000W (NG)
Starting Watts LP/NG	10,500W (LP) / 9,000W (NG)			12,500W (LP) / 11,750W (NG)
Operation	POWERNOW! Or Permanent Mode †	Manual - Remote Start ★	Fully Automatic	
Engine	504cc Extended Life Series®			570cc Vanguard™ V-Twin
Voltage	120/240V AC, Single Phase, 1.0 pf			
Amps LP/NG	58.3/29.2 (LP), 50/25 (NG)			83.4/41.6 (LP), 75/37.5 (NG)
Alternator Type	Automatic Voltage Regulator			
Oil Warmer	No	Yes - Thermostatically Controlled		
Full Pressure Lubrication	Yes			
Fuel Type	Propane (LP Vapor), Natural Gas			
Fuel Consumption* (at 1/2 Load)	0.91 Gal/Hr (LP) 82,500 BTU/Hr (NG)			0.94 Gal/Hr (LP) 85,500 BTU/Hr (NG)
Weekly Exerciser	No	Yes		
Sound Attenuation	Lo Tone Muffler			
Battery/Battery Charger	Battery Only	Yes		
Overcrank Protection	No	Yes		
Diagnostic Alerts with Remote System Status	Low Oil Shutdown		Low Oil Shutdown, Fail to Start, Low Frequency, and Engine Overspeed	
Dimensions (LxWxH)	32" x 34.25" x 38.5"			
Weight (generator only)	360 lbs.	357 lbs.	299 lbs.	299 lbs.
Warranty	2 Years			

† Model 40248 includes propane quick connect assembly and pad (tanks sold separately).; ★ Model EM7RS includes a 60Amp manual transfer switch #71002.; \* Fuel consumption rates are estimated based on normal operating conditions at 1/2 load. 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.

**Transfer Switch Specifications (Sold Separately)**

Model Number	01917	01918	01813	71022	01814	71023
Switch Type	Nema 1, Indoor	Nema 3R, Indoor or Outdoor	Nema 3R, Indoor or Outdoor			
Circuits	9 (12 Max)		Whole House			
Amps	50A		100A	200A		
Service Entrance Disconnect	No	No	Yes	No	Yes	
Poles, Frequency	2, 50/60					
Dimensions (LxWxH)	14.25" x 4" x 21"	14.25" x 6" x 21"	12" x 6" x 16"	16" x 7" x 22"	16" x 7" x 22"	16" x 7" x 30"
Weight	25 lbs.	29 lbs.	24 lbs.	37 lbs.	38 lbs.	64 lbs.
	Recommended for use with 7-10kW systems			Recommended for use with the 10kW Generator only.		

**7kW POWERNOW!**

**Affordable, Flexible Backup Power (40248)**

The 7kW Dual-Mode backup generator provides you with the best of both worlds - 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 - ALL IN ONE SYSTEM!

**POWERNOW! Mode -**

System includes a twin propane tank assembly and mounting pad for up to 12 hours of run time (gas grill tanks sold separately).

**PERMANENT Mode -**

A simple connection to your electrical system and a permanent fuel supply (propane or natural gas) will provide you with years of ready to go backup power. (30 Amp GFCI Manual Transfer switch sold separately, Model number: 71014)

**Automatic System Features:**

**Fully Automatic** - Advanced electronics will detect a utility power outage and automatically start the generator whether you are home or away. (Our manual 7kW generator offers an affordable option with remote start.)

**Continuous Fuel Supply** - A permanent connection to natural gas or propane delivers uninterrupted performance with no messy gasoline storage and refueling.

**Contemporary, Space-Saving Design** - The most compact and functional design on the market provides for location flexibility and an attractive, subtle yard presence.

**Quiet Operation** - Engineered air passages, an automotive-style exhaust system and acoustic foam dampeners ensure 50% quieter operation than most portables.

**Turn Key Extras** - Automatic EMpower systems include a battery/battery charger, hour meter, and installation pad. The engine also comes pre-filled with synthetic oil and is pre-run at the factory, saving you time & money.

**Durable Outdoor Enclosure** - Each EMpower® system features professional rust-proofing and premium storm grey automotive paint for maximum durability and all-weather protection.

**Computer-Friendly Power** - Advanced alternator technology provides safe and stable power for computers and other sensitive electronics.

**Strong Warranty** - Your guarantee of quality & performance. The 7kW and 10kW systems feature a competitive 2 year warranty.

**Legendary Service & Support** - From professional sizing and selection to installation & service, trust the proven experts at Briggs & Stratton for complete peace of mind.

**Accessories:**

**Indoor Wattage Monitor** - Keep track of the % power your generator is using in real time. Plugs into a standard household outlet for convenient monitoring from inside the home. **Model Number: 6090**

**Battery Warmer** - The battery warmer is thermostatically controlled to heat up when the temperature drops to ensure smooth starting. **Model Number: 1915**

**GenAlert™/GenAlert™ Plus** - Whether you are home or away, GenAlert products monitor the generator and calls ahead if a problem has occurred during operation. **GenAlert: 040205, GenAlert Plus: 040206**

**Maintenance Kit** - Includes UL air filter, pre-cleaner, spark plug(s), oil filter, and synthetic oil. **Model Numbers: 6034 (7kW), 6035 (10kW)**

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