



Home Generator Systems



Briggs & Stratton is proud to offer the new EmPower™ Series 20kW Home Generator System. Boasting a 993cc commercial Vanguard™ engine and 28,000 watts of starting power, the new 20kW system offers whole house comfort & control in an extremely compact & affordable package. The standard 20kW package will supply enough automatic backup power to manage two 5-ton AC units, and the optional High Efficiency upgrade optimizes the system with an advanced computer-controlled power management system that provides enough energy efficient power for even the most power-hungry homes.

**EMPower™
Series 20kW**

NEW

20kW Standby Power From A Trusted Name



EMPower™ Series

20kW STANDARD FEATURES

Fully Automatic – Advanced electronics will detect a utility power outage and automatically start the generator whether you are home or away.

Whole House Comfort – The EmPower™ 20kW will supply enough power to manage two 5-ton air conditioners in addition to essential household power requirements.

Vanguard™ 993cc Engine – An industry leading commercial grade Big Block™ air-cooled engine provides powerful, quiet, durable performance for large, power hungry homes - perfect for years of heavy-duty standby power.

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

Sound Shield™ Technology – Engineered air passages, an automotive-style exhaust system and acoustic foam dampeners ensure quiet operation. (68dB under normal operation)

Turn Key Extras – Each system includes 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.

Premium Warranty – 4 year limited - your guarantee of quality and performance.

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



Model Numbers	EM20LP / 40226	EM20NG / 40228
Fuel Type	Propane (LP Vapor)	Natural Gas
Power Management Method	AC Power Control Module™	
Watts LP/NG	20,000W	18,000W
Starting Watts LP/NG	28,000W	25,000W
Engine	993cc Vanguard™ BIG BLOCK™ V-Twin	
Operation	Fully Automatic	
Voltage	120/240V AC, Single Phase, 1.0 pf	
Amps (Rated / Starting)	83.3 / 116.6	75.0 / 105.0
Brushed Alternator	Yes, Computer Friendly	
Full Pressure Lubrication	Yes	
Fuel Consumption* (at 1/2 Load)	1.95 Gal/Hr	160,000 BTUs/Hr
Weekly Exerciser	Yes	
Sound Shield™ Technology	Yes	
Sound Rating (normal operation)	68 dB	
Battery/Battery Charger	Yes	
Hour Meter	Yes	
Remote Diagnostic Alerts	Low Oil Shutdown, Fail to Start, Low Frequency, Engine Overspeed, Low Voltage, Low Battery Voltage, Oil Temp High and Transfer Switch Fault	
Overcrank Protection	Yes	
Dimensions (LxWxH) with pad	48" x 33" x 30.5"	
Weight (generator only)	600 lbs.	
Warranty	4 Year Limited	

*Fuel consumption rates are estimated based on normal operating conditions at ½ 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.



STATSTATION™ WIRELESS POWER MONITORING UPGRADE - MODEL # 40238

You'll never need to leave your house to communicate with your EmPower™ generator. The StatStation™ is a wireless, 2-way handheld LCD monitor that gives you detailed, easy-to-read reports on your EmPower's system status, diagnostic test results, real-time power performance and more – all from the safety of your home.

Transfer Switch Specifications (Sold Separately)

Model Number	071018	071019	071024	071025
Common Features	120/240 Voltage, 2 Poles, 50/60 Frequency, AC Power Control Module Nema 3R Indoor/Outdoor Enclosure, UL 1008 Listed			
Power Management Method	AC Power Control Module™			
Circuits	Whole House	Whole House	Whole House	Whole House
Amps	100A	200A	100A	200A
Service Entrance Disconnect	No	No	Yes*	Yes*
Dimensions (LxWxH)	12" x 6" x 16"	16" x 7" x 22"	14" x 6" x 22"	16" x 7" x 30"
Weight	24 lbs	38 lbs	43 lbs	53 lbs

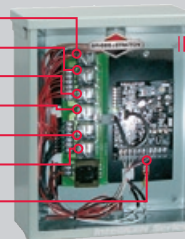
*Review local codes to determine if a transfer switch with separate service entrance disconnect is required.

POWER MANAGEMENT SYSTEM UPGRADE - MODEL #71013

Most high wattage 'creature comforts' normally require a large and expensive generator to meet with the demands of a larger home. Now you can manage the 'high demand' appliances of even the most power hungry home with this affordable upgrade, exclusively from Briggs & Stratton. Featuring patented computer-controlled technology, the system makes the 20kW EmPower™ generator the most efficient standby generator in its class.

HIGH EFFICIENCY WHOLE HOUSE BACKUP POWER

- ✓ Water Well Pump
- ✓ Range/Stove
- ✓ Hot Tub
- ✓ Water Heater
- ✓ Clothes Dryer
- ✓ Pool Heater
- ✓ 5-ton Central Air 1
- ✓ 5-ton Central Air 2



Power Management System
20kW EmPower Generator
\$\$

30kW Generator
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Please note: Appliances that draw 240 volts require a 240 volt contactor for proper operation.

THE BENEFITS OF HIGH EFFICIENCY POWER MANAGEMENT

- ✓ **Power More for Less** - Advanced computer controls manage the same essential & high watt appliances as a larger 30kW liquid cooled - for up to half the cost.
- ✓ **Maximum Fuel Economy** - Adding the power management upgrade results in up to 50% less fuel consumption.
- ✓ **Space-Saving Design** - Compact, efficient design allows for location flexibility and lower installation costs.
- ✓ **Exclusive Overload Protection** - Advanced controls prevent generator overload due to unmanaged power demand.
- ✓ **Smart Home Compatible** - Provides clean, safe power for other smart home appliances and sensitive electronics.

1-800-732-2989 www.powernow.com

BRIGGS&STRATTON

HOME POWER PRODUCTS GROUP
900 N. PARKWAY, PO BOX 239
JEFFERSON, WI 53549 USA
414 259 5333

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