



20kW HOME STANDBY GENERATORS



Eaton is proud to offer the newest product in their home generator systems series.

Eaton's 20kW Home Generator System boasts a 993cc commercial grade engine and 28,000 watts of starting power.

The 20kW system offers whole house comfort and control in an extremely compact and affordable package.

3.5 million homes lose power in the U.S. each week.
Electric Power Research Institute

www.residentialgenerators.eaton.com

Permanent Protection for Your Family and Investments



Eaton's 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.

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 Eaton 20kW generator will supply enough power to HVAC systems as well as essential household power requirements.

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]

Space-Saving Design — Compact, efficient design allows for location flexibility and lower installation costs.

Smart Home Compatible — Provides clean, safe power for other smart home appliances and sensitive electronics.

Turnkey Extras — Each system includes a battery/battery charger, hour meter, and installation pad. The engine also comes pre-filled with synthetic oil and is broken in at the factory, saving you time and money.

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

Legendary Service and Support — From professional sizing and delivery to installation and service.

Performance Upgrades

*Optimize your generator's performance with our high efficiency computer controls, remote power monitoring, or optional accessories like a battery warmer (1915CH), oil heater (1916CH), or maintenance kit (6036CH). See generator accessory sheet for more information.

Model Numbers	EGEN20-LP	EGEN20-NG
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	25,200W
Engine	993cc Big Block™ V-Twin	
Operation	Fully Automatic	
Voltage	120/240V AC, Single-Phase, 1.0pf	
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 GA/HR	160,000 BTU/HR
Weekly Exerciser	Yes	
Sound Shield™ Technology	Yes	
Sound Rating [normal operation]	68 dB	
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 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]				
	CHGEN100ATSAC	CHGEN200ATSAC	CHGEN100ATSSEAC	CHGEN200ATSSEAC
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.

Note: EGEN20 may also be used with the following transfer switches:

- EGS100 — 100 A, NEMA 3R/Indoor or Outdoor
- EGS100SE — 100 A, NEMA 3R/Indoor or Outdoor, includes Service Entrance Disconnect
- EGS200 — 200 A, NEMA 3R/Indoor or Outdoor
- EGS200SE — 200 A, NEMA 3R/Indoor or Outdoor, includes Service Entrance Disconnect

Contractor Information



NEMA is the registered trademark and service mark of the National Electrical Manufacturers Association. UL is a federally registered trademark of Underwriters Laboratories Inc.



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