



30kW & 45kW HOME STANDBY GENERATORS



Eaton Corporation is proud to offer the new IntelliGEN™ Series 30kW and 45kW Liquid Cooled Home Generator Systems. Boasting world class GM® Vortec engines and 4 pole 1800 rpm alternators, these new systems offer true whole house comfort and control in an extremely compact, quiet, & affordable package. The

standard 30kW and 45kW packages supply enough quiet automatic backup power to manage the demands of most larger homes. The optional high efficiency computer-controlled power management system provides optimal performance, making them the most eco-friendly standby generators in their class.

www.residentialgenerators.eaton.com

Premium Features for Premium Comfort



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

GM Vortec Engine — Tested and approved on trucks and SUVs, world class 4 and 8 cylinder GM Vortec engines provide sophisticated yet extremely durable industrial grade power - perfect for the high power demands of most larger homes.

Computer-Friendly Power — A long life, commercial grade 4-pole 1800 RPM alternator provides robust, quiet, ultra smooth electricity, perfect for larger 'smart' homes.



StatStation™ wireless power monitoring upgrade — Model # EGENSTAT

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.



Sound Shield™ Technology — Engineered air flow, an automotive-style exhaust system, acoustic foam dampeners, and low 1800 RPM engine ensure quiet operation. (65 dB under normal load)

Durable All-Climate Enclosure — The durable storm grey steel enclosure is powder coat painted for excellent adhesion and improved resistance to chipping, abrasion, and corrosion - perfect for years of all-season outdoor protection.

Turn Key Extras — Each IntelliGEN™ Series system includes a battery charger and hour meter. The engine also comes pre-filled with oil and is pre-run at the factory, saving you time and 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 Eaton for complete peace of mind.

Featuring patented computer-controlled technology, the IntelliGEN™ High Efficiency upgrade is designed to expand your generator's range and performance by automatically prioritizing and managing multiple 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.

Model Numbers	CHGEN30000-LP	CHGEN45000-LP
	CHGEN30000-NG	CHGEN45000-NG
IntelliGEN™ Power Management	Optional Upgrade Natural Gas	
Watts LP/NG	30,000W (LP)/27,000W (NG)	45,000W (LP)/42,000W (NG)
Starting Watts LP/NG	37,500W (LP)/33,000W (NG)	56,000W (LP)/53,000W (NG)
Engine	GM Vortec 3.0L in-line 4 cylinder	GM Vortec 5.0L V8
Operating RPM	1800	
Electronic Governing	Yes	
System Operation	Fully Automatic	
Voltage	120/240V AC, Single Phase, Electronic Regulation	
Amps LP/NG	125/112.5	187.5/187.5
Alternator	4-pole, brushless	
Full Pressure Lubrication	Yes	
Fuel Type	Propane (LP Vapor) & Natural Gas	
Fuel Consumption (@ 1/2 Load)* FT3/HR (M3/HR)	92 (2.6) LP 259 (7.3) NG	178 (5.0) LP 483 (13.7) NG
Overcrank Protection	Yes	
Sound Rating (normal operation)	65 dB	
Remote StatStation™ Diagnostic Alerts	Low Oil Shutdown, Fail to Start, Low Frequency, Engine Overspeed, Low Voltage, Low Battery Voltage, Oil Temp High, and Transfer Switch Fault	
Turn-Key Extras Included	Battery Charger, Full Diagnostics, Engine Block Heater	
Dimensions (L x W x H)	84.5" x 39.5" x 41.5"	98.5" x 39.5" x 44"
Weight (generator only)	1800 lbs.	2100 lbs.
Warranty	4-Year or 3000 Hour 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 Sold Separately

Model Number	EGSLC200SEAC
Common Features	120/240 Voltage, 2 Poles, 60 Frequency, AC Power Control Module (ACCM-III), NEMA 3R Indoor/Outdoor Enclosure, UL 1008 Listed
Power Management Method	Equipped with Patented AC Power Control Module™
Circuits	Whole House
Amps	200
Service Entrance Disconnect	Yes*
Dimensions (L x W x H)	33" x 10.25" x 19"
Weight	64 lbs.

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

Note: These generators can also be used with the following automatic transfer switches: EGS200 - 200 A, NEMA 3R/Indoor or Outdoor, EGS200SE - 200 A, NEMA 3R/Indoor or Outdoor, includes Service Entrance Disconnect

High Efficiency Whole House Backup Power

- 3 Water Well Pump
- 3 Range/Stove
- 3 Hot Tub
- 3 Water Heater
- 3 Clothes Dryer
- 3 Pool Heater
- 3 5-ton Central Air 1
- 3 5-ton Central Air 2

IntelliGEN
High Efficiency
Upgrade (71035)

45kW
IntelliGEN
Generator

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60kW Liquid
Cooled Generator

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