



## Home Standby Generators

Product Focus

- Quality Residential Products
- Ease of Installation
- Save Time and Money

**Giving You the Power to Stand Alone**

# Reliable

## Emergency Power

### When it's Needed the Most.

As homes get bigger and technology becomes more sophisticated, you rely on electrical power more than ever. If the power goes out, homeowners can lose more than just the lights.

In fact, the average U.S. household will experience a power outage of at least nine hours each year. Many of these outages are caused by...

- Thunderstorms
- Hurricanes
- Winter storms
- Unstable utility power

So what's the best way to protect a home from the hassle of a prolonged power outage? The answer is Eaton's line of standby power generators.

## Why Eaton?

Eaton carries an extensive line of Residential Standby Generator Systems. You can now select from a full lineup of different units to meet your needs, from 7kW units that can keep the lights and furnace on for a small bungalow, to 45kW systems that can power everything, including computers, security systems and air conditioning, for homes measuring up to 10,000 square feet.

Eaton's residential generator line includes product and performance benefits that make getting standby power easy, affordable and worry-free. Plus a host of contractor-friendly features make installations a breeze, keeping more money in your pocket.

### Where else can you get all this?

- **A Name You Can Trust** – No one knows more about power than Eaton's electrical business. They've been manufacturing quality Eaton and Cutler-Hammer products for over 100 years.
- **Reliable Engines** – The heart and soul of any generator starts with the engine. Eaton's line of Residential Standby Generators use engines from the most trusted names in the industry: Briggs & Stratton, GM, and Ford.
- **Lower Installation Cost** – Other generators require hours of on-site engine break-in. Eaton's generator engines are broken in at the factory, saving you time and money.
- **User-Friendly Control Panel** – Every Residential Standby Generator from Eaton includes a simple to use control panel. The control panel in most competitor's generators will protect only the generator, but Eaton has gone the extra step to also monitor and protect the voltage entering your home.
- **In-Home Monitoring** – You can stop wondering if your generator is prepared to handle the next power outage. With the installation of an additional indicating light, you can now monitor the status of your generator from the safety of your home.
- **Friendly to Service** – Eaton's line of Residential Standby Generators have access on all four sides, making it easy to get to all parts of the generator.
- **Built In Hour Meter** – No more guesswork. The hour meter logs run time to keep track of proper service intervals.
- **Easy Fuel Conversion** – Need to switch from Natural Gas to Propane? No problem. There are no extra kits required to change fuels, so the conversion is a breeze.
- **National Service Network** – From sizing and delivery to installation and service, a nationwide network of service experts backs every Eaton Generator.

# Generator Specification Table

## Residential Standby Generators from Eaton

**HOME STANDBY GENERATORS** (Please see following pg. for color coding)

Model #	CHGEN7000	CHGEN10000V	CHGEN12000	CHGEN15000	EGEN20-LP	EGEN20-NG	CHGEN30000-LP	CHGEN30000-NG	CHGEN45000-LP	CHGEN45000-NG
Nominal Watts (LP)	7000	10000	12000	15000	20000	N/A	30000	N/A	45000	N/A
Nominal Watts (NG)	6000	9000	11000	13500	N/A	18000	N/A	27000	N/A	42000
Rated Amps (LP) 120/240V	58.3/29.2	83.4/41.6	100/50	125/62.5	166.6/83.3	N/A	250/125	N/A	375/187.5	N/A
Rated Amps (NG) 120/240V	50/25	75/37.5	91.6/45.8	112.5/56.3	N/A	150.0/75	N/A	225/112.5	N/A	350/175
Engine Brand	Briggs & Stratton	Briggs & Stratton	Briggs & Stratton	Briggs & Stratton	Briggs & Stratton	Briggs & Stratton	General Motors	General Motors	General Motors	General Motors
Engine Type	OHV	OHV V-Twin	OHV V-Twin	OHV V-Twin	OHV V-Twin	OHV V-Twin	Vortec 3.0L in-line	Vortec 3.0L in-line	Vortec 5.0L 8 V8	Vortec 5.0L 8 V8
RPM	3600	3600	3600	3600	3600	3600	1800	1800	1800	1800
Noise Rating	77 dB	70 dB	65 dB	65 dB	68 dB	68 dB	65 dB	65 dB	65 dB	65 dB
Dimensions (LxWxH)	30.5" x 22.5" x 32.5"	30.5" x 22.5" x 32.5"	49.5" x 33" x 30.5"	49.5" x 33" x 30.5"	49.5" x 33" x 30.5"	49.5" x 33" x 30.5"	84.5" x 39.5" x 41.5"	84.5" x 39.5" x 41.5"	98.5" x 39.5" x 44"	98.5" x 39.5" x 44"
Weight (lbs.)	280	379	384	400	600	600	1800	1800	2100	2100
Warranty	2 yrs	3 yrs	4 yrs	4 yrs	4 yrs	4 yrs	4 yrs	4 yrs	4 yrs	4 yrs
Compatible Transfer switches (See pg. 6 for specs)	EGS50L12(R) EGS100L24R	EGS50L12(R) EGS100L24R	EGS50L12(R) EGS100L24R EGS100(SE) EGS200(SE) CHGEN100ATSRAC CHGEN100ATSSEAC CHGEN200ATSRAC CHGEN200ATSSEAC	EGS100L24R EGS100(SE) EGS200(SE) CHGEN100ATSRAC CHGEN100ATSSEAC CHGEN200ATSRAC CHGEN200ATSSEAC	EGS100L24R EGS100(SE) EGS200(SE) CHGEN100ATSRAC CHGEN100ATSSEAC CHGEN200ATSRAC CHGEN200ATSSEAC	EGS100L24R EGS100(SE) EGS200(SE) CHGEN100ATSRAC CHGEN100ATSSEAC CHGEN200ATSRAC CHGEN200ATSSEAC	EGS200(SE) EGSLC200SEAC	EGS200(SE) EGSLC200SEAC	EGS200(SE) EGSLC200SEAC	EGS200(SE) EGSLC200SEAC



### 7 - 10 kW Standby Generator

Designed to power essential loads automatically during a power outage, the permanently installed 7kW system proves that big power can come in small packages.

- Briggs & Stratton ELS™ OHV engine
- Diagnostic panel with remote system status
- Weekly exercise function
- Automatic battery charger
- cUL and UL 2200 listed and approved



### 12 - 20 kW Standby Generator

Whether you are home or away, 12kW - 20kW Home Standby Generators quietly protect your home and family with an immediate, automatic, reliable response to power failure.

- Vanguard™ OHV V-Twin engine
- Diagnostic panel with remote system status
- Weekly exercise function
- Automatic battery charger
- Run time meter
- 4 Sound absorbing, weather protected panels
- CSA and UL 2200 listed and approved

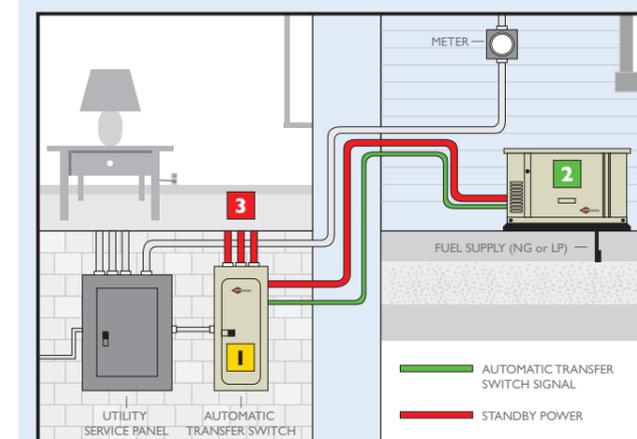


### 30 - 45 kW Standby Generator

Eaton's 30 and 45kW liquid cooled generators provide quiet, fully automatic back up power for most larger homes.

- Ultra quiet operation
- Industry leading standard 4 year warranty
- Battery charger and hour meter included
- Durable all climate enclosure
- Dependable GM engines
- 4 Sound absorbing, weather protected panels
- CSA and UL 2200 listed and approved

### How automatic backup power works



**No Power? No Worries, It's All Automatic.**

Advanced electronics continually monitor your home's connection to local utility power.

1 When an outage occurs the system senses it immediately and starts your standby generator, 2 automatically switching from utility power to standby power. 3

# It's All Automatic

## Automatic Transfer Switches from Eaton

# Selecting a Home Generator

## Determine Your Wattage Requirements

### STANDARD AUTOMATIC TRANSFER SWITCHES *(Refer to previous page for Generator/ATS compatibility)*

MODEL #	EGS50L12	EGS50L12R	EGS100	EGS100SE	EGS100L24R	EGS200SE	EGS200
Voltage	120/240	120/240	120/240	120/240	120/240	120/240	120/240
Circuits	12	12	N/A	N/A	24	N/A	N/A
Amperes	50	50	100	100	100	200	200
Air Conditioning Control Module	No	No	No	No	No	No	No
Poles	2	2	2	2	2	2	2
Frequency	50/60	50/60	50/60	50/60	50/60	50/60	50/60
UL Listed	1008	1008	1008	1008	1008	1008	1008
Switch Type	Electrically Held	Electrically Held	Mechanically Held	Mechanically Held	Mechanically Held	Mechanically Held	Mechanically Held
Enclosure	Nema 1 (indoor)	Nema 3R (outdoor)	Nema 3R (outdoor)	Nema 3R (outdoor)	Nema 3R (outdoor)	Nema 3R (outdoor)	Nema 3R (outdoor)
Dimensions (WxHxD)	14.25" x 21.00" x 4.00"	14.25" x 21.00" x 4.00"	16.87" x 14.46" x 5.32"	16.87" x 14.46" x 5.32"	14.46" x 29.33" x 5.32"	14.46" x 29.2" x 5.32"	14.46" x 25.08" x 5.25"
Weight (lbs.)	25	29	25	28	38	45	35

### AUTOMATIC TRANSFER SWITCHES WITH ACCM *(Refer to previous page for Generator/ATS compatibility)*

MODEL #	*CHGEN100ATSAC	*CHGEN100ATSSEAC	*CHGEN200ATSAC	*CHGEN200ATSSEAC	EGSLC200SEAC
Voltage	120/240	120/240	120/240	120/240	120/240
Circuits	N/A	N/A	N/A	N/A	N/A
Amperes	100	100	200	200	200
Air Conditioning Control Module	Yes	Yes	Yes	Yes	Yes
Poles	2	2	2	2	2
Frequency	50/60	50/60	50/60	50/60	50/60
UL Listed	1008	1008	1008	1008	1008
Switch Type	Mechanically Held				
Enclosure	Nema 3R (outdoor)				
Dimensions (WxHxD)	12.00" x 16.00" x 6.00"	12.00" x 22.00" x 6.00"	16.00" x 22.00" x 7.00"	16.00" x 30.00" x 7.00"	33.00" x 19.00" x 10.25"
Weight (lbs.)	24	35.5	36.5	59.5	64

\* Will only work with generators up to 20kW

Eaton manufactures 50, 100, 200, and 400 amp transfer switches, capable of providing power for select loads or complete "whole-house" power.

For more information, visit [www.residentialgenerators.eaton.com](http://www.residentialgenerators.eaton.com) to see an interactive video on how to determine generator requirements and to use our on-line sizing calculator.

### What size generator is required?



7 kW Standby Generator



12 kW Standby Generator



30 kW Standby Generator

### EXAMPLES OF HOW STANDBY GENERATORS CAN BE APPLIED

7 kW STANDBY GENERATOR	12 kW STANDBY GENERATOR	30 kW STANDBY GENERATOR WITH AC POWER CONTROL MODULE
8 Light Bulbs	8 Light Bulbs	8 Light Bulbs
Deep Freezer	Deep Freezer	Deep Freezer
Sump Pump	Sump Pump	Sump Pump
Refrigerator	Refrigerator	Refrigerator
Furnace Fan	Furnace Fan	Furnace Fan
Television	Television	Television
Water Well Pump	Water Well Pump	Water Well Pump
Computer	Computer	Computer
	Microwave	Microwave
	Security System	Security System
		Stereo and VCR
		Laser Printer
		Washing Machine
		Garage Door Opener
		Additional Lighting (8 Bulbs)
		Central Air Conditioning

**Eaton's home standby generators and automatic transfer switches are backed by a competitive warranty and first class customer service. For sales information about generators and transfer switches, please call 1-877-386-2273. For aftermarket support regarding installations, warranty or technical support, please contact us at 1-800-975-8331. For more information visit us online at [www.residentialgenerators.eaton.com](http://www.residentialgenerators.eaton.com).**

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