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 75kW 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

<table>
<thead>
<tr>
<th>Model #</th>
<th>CHGEN7000</th>
<th>CHGEN10000V</th>
<th>CHGEN30000</th>
<th>CHGEN15000</th>
<th>CHGEN20000-LP</th>
<th>CHGEN20000-NG</th>
<th>CHGEN30000-LP</th>
<th>CHGEN30000-NG</th>
<th>CHGEN45000-LP</th>
<th>CHGEN45000-NG</th>
<th>CHGEN60000-LP</th>
<th>CHGEN60000-NG</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal Watts (LP)</td>
<td>7000</td>
<td>10000</td>
<td>12000</td>
<td>15000</td>
<td>20000</td>
<td>N/A</td>
<td>30000</td>
<td>N/A</td>
<td>45000</td>
<td>N/A</td>
<td>60000</td>
<td>N/A</td>
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<tr>
<td>Nominal Watts (NG)</td>
<td>8000</td>
<td>12000</td>
<td>16000</td>
<td>20000</td>
<td>N/A</td>
<td>35000</td>
<td>40000</td>
<td>N/A</td>
<td>50000</td>
<td>N/A</td>
<td>65000</td>
<td>N/A</td>
</tr>
<tr>
<td>Rated Amps (NG) 120/240V</td>
<td>N/A</td>
<td>85</td>
<td>100/50</td>
<td>125/62.5</td>
<td>166/83.3</td>
<td>N/A</td>
<td>250/125</td>
<td>N/A</td>
<td>375/187.5</td>
<td>N/A</td>
<td>425/212.5</td>
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<tr>
<td>Rated Amps (LP) 120/240V</td>
<td>N/A</td>
<td>110</td>
<td>136/68.3</td>
<td>172/86.6</td>
<td>220/110</td>
<td>N/A</td>
<td>350/175</td>
<td>N/A</td>
<td>462/231</td>
<td>N/A</td>
<td>510/255</td>
<td>N/A</td>
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<tr>
<td>RPM</td>
<td>3600</td>
<td>3600</td>
<td>3600</td>
<td>3600</td>
<td>3600</td>
<td>3600</td>
<td>1800</td>
<td>1800</td>
<td>1800</td>
<td>1800</td>
<td>1800</td>
<td>1800</td>
</tr>
<tr>
<td>Noise Rating</td>
<td>77 dB</td>
<td>70 dB</td>
<td>65 dB</td>
<td>68 dB</td>
<td>68 dB</td>
<td>65 dB</td>
<td>65 dB</td>
<td>65 dB</td>
<td>65 dB</td>
<td>65 dB</td>
<td>65 dB</td>
<td>65 dB</td>
</tr>
<tr>
<td>Dimensions (LxWxH)</td>
<td>30.5&quot; x 22.5&quot; x 32.5&quot;</td>
<td>36.5&quot; x 23.5&quot; x 35.5&quot;</td>
<td>49.5&quot; x 33&quot; x 30.5&quot;</td>
<td>49.5&quot; x 33&quot; x 30.5&quot;</td>
<td>49.5&quot; x 33&quot; x 30.5&quot;</td>
<td>49.5&quot; x 33&quot; x 30.5&quot;</td>
<td>84.5&quot; x 39.5&quot; x 41.5&quot;</td>
<td>84.5&quot; x 39.5&quot; x 41.5&quot;</td>
<td>84.5&quot; x 39.5&quot; x 41.5&quot;</td>
<td>84.5&quot; x 39.5&quot; x 41.5&quot;</td>
<td>88.5&quot; x 39.5&quot; x 44&quot;</td>
<td>88.5&quot; x 39.5&quot; x 44&quot;</td>
</tr>
<tr>
<td>Weight (lbs.)</td>
<td>260</td>
<td>379</td>
<td>384</td>
<td>400</td>
<td>600</td>
<td>800</td>
<td>1800</td>
<td>1800</td>
<td>2100</td>
<td>2100</td>
<td>2100</td>
<td>2100</td>
</tr>
<tr>
<td>Warranty</td>
<td>2 yrs</td>
<td>3 yrs</td>
<td>4 yrs</td>
<td>4 yrs</td>
<td>4 yrs</td>
<td>4 yrs</td>
<td>4 yrs</td>
<td>4 yrs</td>
<td>4 yrs</td>
<td>4 yrs</td>
<td>4 yrs</td>
<td>4 yrs</td>
</tr>
</tbody>
</table>

**Compatible Transfer switches (See pg. 6 for color coding)**

- EGS100L24R
- EGS100L24E
- EGS160L24R
- EGS160L24E
- CHGEN200ATSEAC

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

- Vanguard™ OHV V-Twin engine
- Diagnostic panel with remote system status
- Weekly exercise function
- Automatic battery charger
- Run time meter
- Automatic Start
- CSA and UL 2000 listed and approved

**12 - 20 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
- CSA and UL 2000 listed and approved

**30 - 45 kW Standby Generator**

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

- Ultra quiet operation
- Industry leading standard 4 year warranty
- Battery charger and hour meter included
- Durable ECM engines
- 4 Sound absorbing, weather protected panels
- CSA and UL 2000 listed and approved

- Vanguard™ OHV V-Twin engine
- Diagnostic panel with remote system status
- Weekly exercise function
- Automatic battery charger
- Run time meter
- Automatic Start
- CSA and UL 2000 listed and approved

**7 - 10 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.

- Briggs & Stratton ELS™ OHV engine
- Diagnostic panel with remote system status
- Weekly exercise function
- Automatic battery charger
- CSA and UL 2000 listed and approved

**12 - 20 kW Standby Generator**

- Briggs & Stratton ELS™ OHV engine
- Diagnostic panel with remote system status
- Weekly exercise function
- Automatic battery charger
- CSA and UL 2000 listed and approved

**30 - 45 kW Standby Generator**

- Briggs & Stratton ELS™ OHV V-Twin engine
- Diagnostic panel with remote system status
- Weekly exercise function
- Automatic battery charger
- Run time meter
- Automatic Start
- CSA and UL 2000 listed and approved

**12 - 20 kW Standby Generator**

- Briggs & Stratton ELS™ OHV V-Twin engine
- Diagnostic panel with remote system status
- Weekly exercise function
- Automatic battery charger
- CSA and UL 2000 listed and approved

**30 - 45 kW Standby Generator**

- Vanguard™ OHV V-Twin engine
- Diagnostic panel with remote system status
- Weekly exercise function
- Automatic battery charger
- Run time meter
- Automatic Start
- CSA and UL 2000 listed and approved
It's All Automatic
Automatic Transfer Switches from Eaton

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?

<table>
<thead>
<tr>
<th>7 kW Standby Generator</th>
<th>12 kW Standby Generator</th>
<th>30 kW Standby Generator</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>EXAMPLES OF HOW STANDBY GENERATORS CAN BE APPLIED</strong></td>
<td><strong>EXAMPLES OF HOW STANDBY GENERATORS CAN BE APPLIED</strong></td>
<td><strong>EXAMPLES OF HOW STANDBY GENERATORS CAN BE APPLIED</strong></td>
</tr>
<tr>
<td>8 Light Bulbs</td>
<td>8 Light Bulbs</td>
<td>8 Light Bulbs</td>
</tr>
<tr>
<td>Deep Freezer</td>
<td>Deep Freezer</td>
<td>Deep Freezer</td>
</tr>
<tr>
<td>Sump Pump</td>
<td>Sump Pump</td>
<td>Sump Pump</td>
</tr>
<tr>
<td>Refrigerator</td>
<td>Refrigerator</td>
<td>Refrigerator</td>
</tr>
<tr>
<td>Fan Coil System</td>
<td>Fan Coil System</td>
<td>Fan Coil System</td>
</tr>
<tr>
<td>Television</td>
<td>Television</td>
<td>Television</td>
</tr>
<tr>
<td>Water Well Pump</td>
<td>Water Well Pump</td>
<td>Water Well Pump</td>
</tr>
<tr>
<td>Computer</td>
<td>Computer</td>
<td>Computer</td>
</tr>
<tr>
<td>Microwave</td>
<td>Microwave</td>
<td>Microwave</td>
</tr>
<tr>
<td>Security System</td>
<td>Security System</td>
<td>Security System</td>
</tr>
<tr>
<td>Central Air Conditioning</td>
<td>Central Air Conditioning</td>
<td>Central Air Conditioning</td>
</tr>
</tbody>
</table>

### Selecting a Home Generator
Determine Your Wattage Requirements

<table>
<thead>
<tr>
<th>MODEL #</th>
<th>AUTOMATIC TRANSFER SWITCHES WITH ACCM</th>
<th>AUTOMATIC TRANSFER SWITCHES WITH ACCM</th>
<th>AUTOMATIC TRANSFER SWITCHES WITH ACCM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voltage</td>
<td>120/240</td>
<td>120/240</td>
<td>120/240</td>
</tr>
<tr>
<td>Circuits</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Amperes</td>
<td>100</td>
<td>100</td>
<td>100</td>
</tr>
<tr>
<td>Air Conditioning Control Module</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Switch Type</td>
<td>Mechanically Held</td>
<td>Mechanically Held</td>
<td>Mechanically Held</td>
</tr>
<tr>
<td>Enclosure</td>
<td>Nema 3R (outdoor)</td>
<td>Nema 3R (outdoor)</td>
<td>Nema 3R (outdoor)</td>
</tr>
<tr>
<td>Dimensions (WxHxD)</td>
<td>12.00&quot; x 16.00&quot; x 6.00&quot;</td>
<td>12.00&quot; x 16.00&quot; x 6.00&quot;</td>
<td>12.00&quot; x 16.00&quot; x 6.00&quot;</td>
</tr>
<tr>
<td>Weight (lbs.)</td>
<td>24</td>
<td>24.5</td>
<td>95.5</td>
</tr>
</tbody>
</table>

* All models are approved by Underwriters Laboratories (UL) for use with generators up to 20kW.
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.