

Reliable
Power Solutions...
for a greener, safer world.



Save money and lower fuel emissions.

Electrical loads can be intelligently managed with Eaton's **green** line of Automatic Transfer Switches (ATS). This maximizes the output of a smaller generator, which reduces fuel consumption, emissions, and total cost.

A smaller generator means:

- Lower green house gas (GHG) emissions.
- 15-25% less natural gas or liquid propane consumption.
- Up to 30% less copper and steel in the manufacturing of the generator.

Eaton offers unique solutions to managing electrical loads under emergency power.

Power Saver Control (Standard with Eaton's **green** Line of ATS's)

- Has the ability to manage two large loads such as HVAC.
- The unit will not allow the controlled loads to start or run unless there is enough power (kW's) available, thus preventing an overload.



Also included with every green ATS is Eaton's Complete Home Surge Protection.

As a part of our commitment to power quality, every **green** ATS comes standard with Eaton's premium surge protector.

High voltage surges can damage sensitive electronic devices in the home and the transfer switch control board.

Typical surge events:

- Lightning strikes.
- Utility disturbances.
- Turning on appliances and electronics.



Eaton's Green Solution

The average homeowner uses the following appliances throughout a normal day, with a total required wattage of **26,000**:

- Freezer
- Furnace Fan
- Refrigerator
- Television
- Coffee Maker
- Computer
- Dishwasher
- Garage Door opener
- Lighting
- Microwave
- Sump Pump
- Central Air Conditioner – 24,000 BTU
- Central Air Conditioner – 32,000 BTU

Typical configuration for 27kW installation.

Using a Standard ATS with the appliance list above:

- Requires at least a **27kW** Liquid Cooled Generator and a 200 Amp ATS.



200A Standard ATS (EGS200SE)

+



27 kW Liquid Cooled Generator (EGEN27)

Configuration with Green ATS.

Using a **green** ATS with the appliance list above:

- A 32,000 BTU Air Conditioner can now be intelligently managed, which reduces the total required wattage to **19,000**, a **27%** reduction.
- The homeowner can now use a **20kW** Air Cooled Generator, with an approximate one time cost savings of **\$6,700** plus lower annual fuel consumption and lower fuel emissions.



100A Green ATS (EGSU100AC)

+



20kW Air Cooled Generator (EGEN20A)

SAVINGS ESTIMATE CHART:

Standard ATS (Requires a liquid-cooled generator)

Package	Total Cost Estimate	Package Savings	Fuel Consumption (Liquid Propane / Natural Gas)
27 kW Generator	\$11,700	-	-
200 Amp ATS			

Green ATS (Allows the use of an air-cooled generator)

Package	Total Cost Estimate	Package Savings	Fuel Consumption (Liquid Propane / Natural Gas)
20kW Generator	\$5,000	\$6,700	15-25% less
100 Amp Green ATS			

Green Features:

- Lower up front cost (product & labor).
- Lower fuel consumption.
 - Decreased monthly costs.
 - Reduced fuel emissions.
- Automatic Overload Prevention.
 - No worries about overloading the generator.
- Protection from a utility surge.
- Meets 2008 NEC® 702.5 Requirements.

Warranty:

- 12 months from installation or 18 months from manufacturing date on all Automatic Transfer Switches.
- For warranty, technical, installation or other aftermarket support please contact us at **1-800-975-8331**.

Ordering Information:

- Contact your local Eaton distributor or sales representative for purchasing information.
- For additional information please contact **1-877-ETN-CARE** or visit our website at, <http://generators.eaton.com>.



For installing contractors

Join the **Eaton Certified Contractor Network** program and learn how to maximize revenue and profits through:

- Business and product training.
- Marketing support.
- Exclusive member programs and rewards.

Please visit us at www.eatoncertified.com for more information.

For a complete list of Catalog Numbers and Wiring Diagrams, please refer to the Publications below:

- PT00407001E
- TD01605003E

Available online at <http://generators.eaton.com>.

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