

Green Automatic Transfer Switches



Overview

Eaton's **GREEN** Automatic Transfer Switches (ATS), when used in conjunction with a standby generator, guarantee reliable, seamless power when outages occur. They automatically transfer the load to the generator when utility power fails, providing the highest protection for continuous power. Eaton's **GREEN** ATS provides a unique and truly active load management system which intelligently manages loads. By using this technology, consumers can maximize the output of the generator, reduce upfront costs, reduce fuel consumption, and reduce greenhouse gas emissions; a truly environmentally-friendly transfer switch.

Standard and Certifications

- UL Listed – Fully compliant with UL 1008
- Meets 2008 NEC Article 702.5 requirements

Product Features and Benefits:

- Unique load management strategy, and advanced active load management system
- Universal switch that works with any Eaton or competitive generator
- Whole house surge included with every switch (Cat # CHSPT2ULTRA, UL 1449 3rd Edition compliant)
- 100A, 150A, 200A and 400A offerings
- NEMA 3R Standard
- Service Entrance Rated available. Standard on 150A and 400A

Additional Information

The **GREEN** ATS features a new *RTC-100* controller, in compliance with the 2008 NEC 702.5 code, Part B, which states:

“Load Management: Where a system is employed that will automatically manage the connected load, the standby source shall have a capacity sufficient to supply the maximum load that will be connected by the load management system.”

The RTC-100 constantly monitors and manages up to (2) large loads (such as air conditioner units), preventing the generator from being overloaded. By complying with this requirement, the RTC-100 controller allows the homeowner to safely maximize the capacity of their generator, and avoid excessive expenditure on a larger generator that would have otherwise been sized to the full connected load.



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Catalog Numbers:

Amperes	Voltage	Service Entrance Rated	Circuits Included	Load Mgmt	CHSPT2ULTRA Surge Included	No. of Poles	Frequency	UL Listed	Switch Type	Enclosure	Catalog Number
Green Automatic Transfer Switches											
100	1240/240	No	N/A	Yes	Yes	2	50/60	1008	Mechanically Held	NEMA 3R (outdoor)	EGSU100ACA
100	1240/240	Yes	N/A	Yes	Yes	2	50/60	1008	Mechanically Held	NEMA 3R (outdoor)	EGSU100NSEACA
100	1240/240	No	24	Yes	Yes	2	50/60	1008	Mechanically Held	NEMA 3R (outdoor)	EGSU100L24RACA
150	1240/240	Yes	N/A	Yes	Yes	2	50/60	1008	Mechanically Held	NEMA 3R (outdoor)	EGSU150NSEACA
200	1240/240	No	N/A	Yes	Yes	2	50/60	1008	Mechanically Held	NEMA 3R (outdoor)	EGSU200ACA
200	1240/240	Yes	N/A	Yes	Yes	2	50/60	1008	Mechanically Held	NEMA 3R (outdoor)	EGSU200NSEACA
400	1240/240	Yes	N/A	Yes	Yes	2	50/60	1008	Mechanically Held	NEMA 3R (outdoor)	EGSU400NSEAC

Dimensions in Inches (mm):

Catalog Number	Width in. (mm)	Height in. (mm)	Depth in. (mm)	Weight Lbs (kg)
EGSU100ACA	14.46 (367.2)	16.87 (428.4)	5.32 (135.1)	25 (11.33)
EGSU100NSEACA	14.46 (367.2)	16.87 (428.4)	5.32 (135.1)	28 (12.7)
EGSU100L24RACA	14.46 (367.2)	29.33 (744.9)	5.32 (135.1)	38 (17.23)
EGSU150NSEACA	14.46 (367.2)	29.33 (744.9)	5.32 (135.1)	45 (20.41)
EGSU200ACA	14.46 (367.2)	25.08 (637.0)	5.32 (135.1)	35 (15.87)
EGSU200NSEACA	14.46 (367.2)	29.33 (744.9)	5.32 (135.1)	45 (20.41)
EGSU400NSEAC	23.14 (587.7)	37.56 (954.0)	10.00 (254.0)	130 (58.96)



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