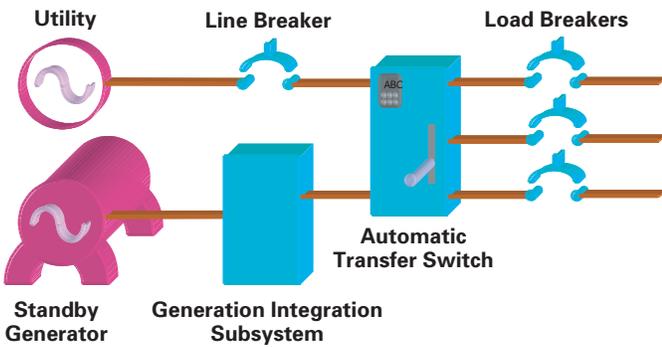


Series C and Series G
molded-case circuit breakers



Compact, globally certified circuit breakers for engine generation

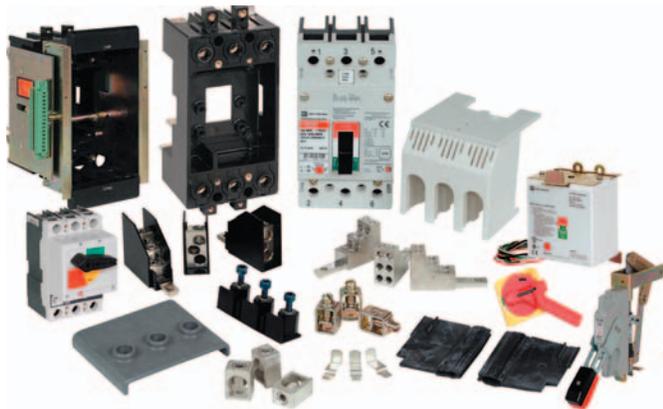


Standby generation is a straightforward application

Eaton offers 100% rated power protection with standard two-year warranty, UL® and IEC certifications. Eaton invented service entrance breaker-based ATS solutions, eliminating the need for downstream transfer switches. Extended warranty packages are available that match your aftermarket services needs.

Eaton is a component leader for engine gen applications

- Medium/low voltage circuit breaker components
- Breaker- and contactor-based automated transfer switches
- Bundled pre-coordinated 100% rated breakers
- Safe startup using Eaton protection and controls



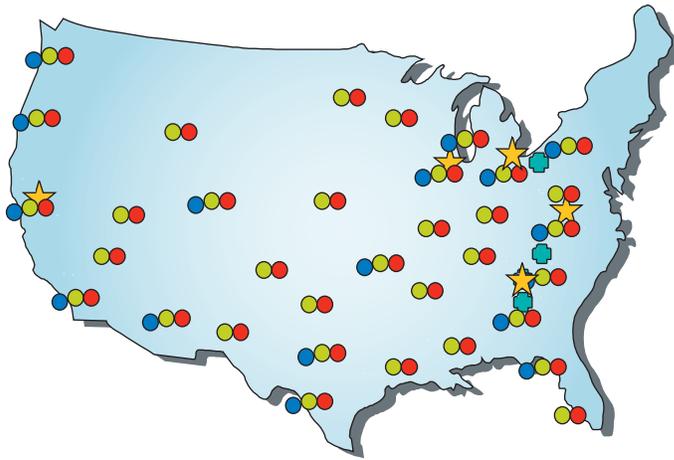
Powering Business Worldwide

Eaton Has This Application's Answer: the Series C and Series G Compact, Globally Certified Breakers for Engine Generation

Features	Benefits
100% rated breakers—simple	Waste no more time with de-rating calculations, whether UL or IEC end-user requirements, for the most popular frame sizes. And, count on Eaton to provide world-class UL 489 compliance.
Two-year warranty—standard	Two-year warranty to match your genset warranty. And, Eaton goes the distance to deliver custom-extended warranty packages that match your aftermarket service and support packages.
Breaker-based ATS systems—now smaller	Eaton invented the service entrance rated breaker-based ATS system that eliminated the need for downstream switches. Our innovation continues with the introduction of the compact Series G breakers.
Legacy low-magnetic flux trip breakers—still unique	Eaton's line offers cost-effective and proven specialty units that trip before catastrophic genset damage occurs—protection that has been proven in the field over the years.
Additional on-site engineering service? No issue	Eaton Electrical Services & Systems (EESS) has over 600 field engineers available for more demanding power generation and distribution systems engineering.

Eaton design and aftermarket support centers

- ★ R&D and Engineering Technology Centers
- Product and Site Application Engineering Services
- Sales, Rep and Dealer Network
- Bid and Project Coordination Centers
- Manufacturing and Aftermarket Product Extension Services



Eaton power generation engineering and support services

Eaton backs up its broad family of power generation protection products with the award-winning EESS group, which offers power generation system consulting studies, installation, grounding and commissioning services, and maintenance and monitoring services. Its power systems engineers have an average of 15 years experience with multiple power generation and electrical industry brand names, and more than 50% hold electrical engineering master's degrees.

How a Power Outage Can Affect Your Revenue

Unplanned utility power outages lose revenue

A 100 MW power generation system down with a selling price of \$0.05/kWh represents a loss of \$5000 per hour. It's not uncommon for existing distribution breakers to be damaged by just a few power generator startups and transfers with today's higher efficiency lower impedance distribution systems. Once the breaker needs replacement, the losses to replace the breaker and re-test both the generator and step-up transformer can easily total \$560,000 or more.

Potential for revenue loss is hidden in every megawatt power generation application

Industrial, process and commercial industry use of today's newer backup and standby power generation and transmission systems will inherently experience short duration equipment damaging DC currents. Even with these smaller standby systems, outages can result in a loss of revenue from \$13,000 to \$55,000 per event.

Avoid blackout of your backup and standby power system

Eaton Electrical Services & Systems is available for on-site grounding systems and ground-fault risks analysis, power generation and power distribution electrical system design, turnkey installation and commissioning of equipment, and annual maintenance and monitoring services to keep your backup and standby power systems ready 24 hours a day, 7 days a week. Set your gen on spin, with Eaton!

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