The Best Way to Prepare



When you're faced with a utility outage, the last thing you need to worry about is a connection problem with your back-up power generator.

You can purchase a generator to power appliances with a long extension cord, but the extension cord's inconveniences and potential safety issues make that an incomplete solution. And some devices, such as a furnace motor, may be hard-wired directly to the electrical service panel and can't otherwise be energized.

The best solution is to distribute back-up power through the home's existing circuits, which are already in place. By being prepared with a proper UL Listed, back-up power connection, you can avoid these common problems:

- **Overloaded circuits**
- **Appliance damage from inadequate power**
- **Unintended energizing of the power grid outside the home, creating dangerous conditions**

Power Interruptions Can Be Inconvenient and Costly

When natural or man-made occurrences interrupt your utility power, the effects can be more than a darkened room. Food may defrost in your freezer, your basement could flood, or the home office your livelihood depends on could be rendered useless. As we become more reliant on the electrical lifeline of our homes, it is more important than ever to prepare for unexpected service interruptions.

Square D® Residential Warranty

Square D® warranty coverage is included for all residential applications including load centers, Combination Service Entrance Devices (CSEDs), circuit breakers and Surgebreaker™ products.

QO® and Homeline® Load Centers and CSEDs – QO load centers have a lifetime warranty. Homeline load centers have a 10-year warranty limited coverage when used in residential applications using genuine Square D circuit breakers.

Branch Circuit Breakers – lifetime limited coverage when used in residential applications using a Square D load center or CSED.

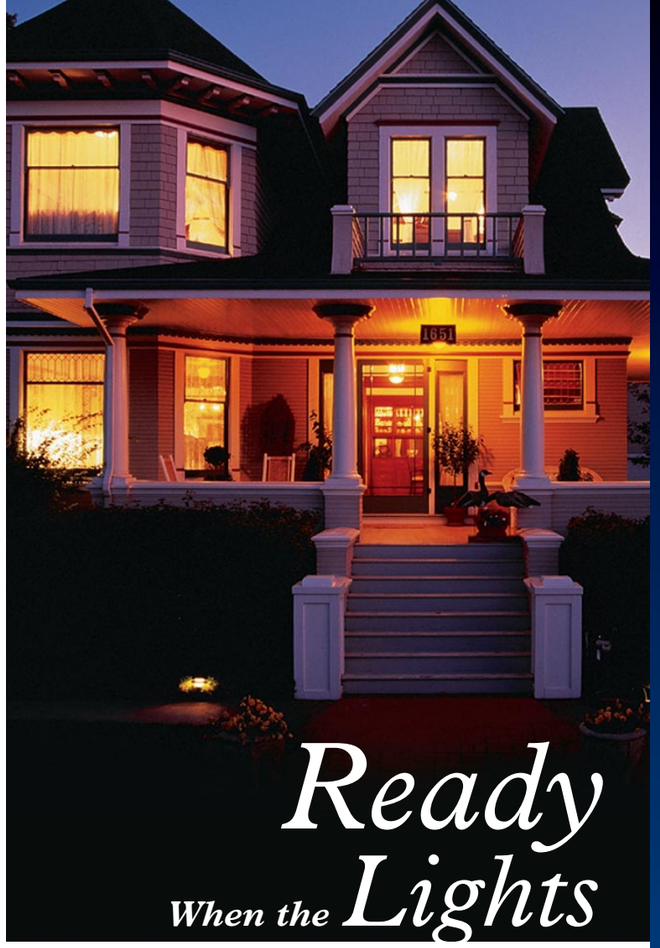
Surgebreaker Plus Warranty – five year, $50,000 coverage for surge damage to appliances and electronics in homes that use Surgebreaker Plus Surge Protector in conjunction with point-of-use protection and a Square D QO or Homeline load center. $25,000 coverage when no UL 1449 Listed secondary surge device is used or no Square D QO or Homeline load center is used.

Surgebreaker Warranty – two year, $10,000 coverage on major household appliances (except mircowave ovens) from the date of installation or three years from date of purchase, whichever occurs earlier; $10,000 coverage or the deductible amount of the customer's insurance. Warranty coverage is limited to residential applications using Square D load center or CSED.

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Ready When the Lights Go Out

Back-Up Power Solutions

a brand of Schneider Electric

SQUARE D

The Right Solution from the Most Reliable Name in Electrical Protection

A reputation for quality and innovation, along with the industry's widest range of residential protection solutions, have made Square D® the leading brand of electrical protection products among builders and electrical contractors. Our comprehensive family of back-up power products can meet your requirements for the reliable and convenient connection of your standby power source. Installation features give your qualified electrician the best options for selecting the right product for each home.

Square D back-up power products provide:

- **Reliable connection of back-up power**
- **Easy power switching**
- **Quick and easy installation**
- **UL listed manual and automatic transfer equipment**
- **Warranty coverage for the panel and circuit breakers**
- **All products are designed to accommodate the most popular generator sizes up to 30 kW**



Convenience and Reliability from Schneider Electric

Schneider Electric offers a comprehensive choice of back-up power solutions to keep your home powered when your utility service is interrupted. You and your qualified electrician can evaluate your electrical system to decide which is best for you.

Generator Panel



The Generator Panel connects your main service panel to a generator or other back-up power source. It allows up to eight circuits to be dedicated for back-up power operation.You choose which circuits are critical, such as sump pump, heating, air conditioning, lights, etc.

The Generator Panel uses two factory-installed, two-pole QO® Circuit Breakers. One is back-fed by the utility, while the second breaker is back-fed by your generator. You can easily switch the power supply by manually turning off the utility supply breaker and turning on the breaker connected to the generator.

For added protection, a factory-installed mechanical interlock allows only one back-fed main breaker to be in the “ON” position at any time.

Generator panels are available in 30 A and 60 A versions, which can supply up to eight different circuits using QO tandem circuit breakers.

Intelligent Load Center



The Square D® Intelligent Load Center senses when utility power is interrupted. Coupled with a quality stand-by power source such as a Kohler generator, the Intelligent Load Center automatically switches to back-up power on a moment’s notice with automatic transfer of power from the utility company to the generator. You choose the essential circuits requiring power during an outage and the Intelligent Load Center assures back-up power for those circuits.



Double Throw Safety Switches are Ideal for Manual Switching



Square D Double Throw Safety Switches provide ideal manual switching of loads in residential, commercial and agricultural applications.

Standby Power Kit for Combination Service Entrance Devices

Schneider Electric also offers a back-up power solution for many of our Combination Service Entrance Device products. Standby Power Kits are available for use with Homeline® and QO Meter Mains (up to 16 circuits) and All-In-Ones (up to 40 circuits).

Manual Transfer Retaining Kits Allow Maximum Flexibility

Convert any main lug QO Load Center to a Generator Panel with the Square D Manual Transfer Kit. Offers capability of transferring up to 30kW of generator power to critical loads in the home.

Standby Power Kit for Load Centers

These kits install on existing Square D QO and Homeline Load Center covers and interlock the main circuit breaker with a 125 A maximum breaker back-fed from the generator. Up to 30 kW of generator power is available to all the circuits in the load center, allowing the user flexibility of selecting and changing which circuits are to be powered during an outage. These mechanical interlocks prevent the dangerous situation of back-feeding power onto the utility lines by preventing the main breaker and the breaker fed from the generator from being “ON” at the same time. Kits are available for indoor and outdoor main breaker load centers 100 A through 225 A.

Other Innovative Residential Solutions

Since 1903 Square D has been a leader in electrical circuit protection for the home. Our industry-leading innovations have often become the standard… from the introduction of the first residential circuit breaker during the 1950s, and ground fault circuit protection in the 1960s, to surge protection in the 1980s, and arc fault circuit protection in 1998. When it really counts, you’ll want the reliability of Square D.

Surgebreaker® Plus Multi-Path Surge Protector



Available in NEMA 1 (indoor) and NEMA 3R (outdoor) styles, this latest innovation in surge protection for the home is a true breakthrough – providing comprehensive protection for the entire home, including the electrical wiring, up to four telephone lines, and two coax cable TV lines. This wholehouse protection is no longer a luxury, but rather a necessity with the many electronics and appliances in our homes today. The Surgebreaker® Plus Surge Protector also comes with a limited warranty – up to $50,000.

Arc-D-tect® Arc Fault Circuit Interruption



Featuring exclusive digital technology, the Square D Arc-D-tect® Arc Fault Circuit Interrupter (AFCI) detects overloads, short circuits and arc faults better than analog technology providing superior protection against threatening arc faults. The Arc-D-tect AFCI effectively stops the flow of current before an electrical fire can start.