

# **AUTOMATIC TRANSFER SWITCHES**

FOR HOME STANDBY GENERATORS





## Transfer Switches

Every home standby power system needs a transfer switch. It's how your generator makes sure the power stays on when there's an outage — automatically switching your home's circuits from the grid to your generator.

Generac offers more options than anyone else, to make sure there's a system to fit your needs. All are tested and listed for safe, reliable performance.

Take a closer look at what's going on behind the scenes.

### Power it all, all the time



Most homeowners want the peace of mind that comes with whole-house coverage. Whenever there's an outage, you don't have to worry — because the power stays on at all times throughout your entire home.

A Generac whole-house power system backs up every electrical circuit in your home whenever the power goes out.

There's no waiting for an appliance to take its turn being powered — everything comes on and stays on. So you don't have to decide which circuits are most important. They'll all be available, automatically, around the clock.

The full line of Generac whole-house power systems includes larger generators and transfer switches capable of covering every circuit in any size home. It's a comprehensive approach for complete peace of mind.

### Smart power where you need it



Whole-house coverage may not fit every budget. With a power management system, your generator can work smarter. It protects all your home's circuits by cycling power on and off as needed for different appliances. And you decide what gets priority.

A Generac power management system protects all the circuits in your home — without the higher cost of whole-house coverage.

Chances are you won't need to turn on every appliance at the same time during an outage. (Most people don't.) Generac power management systems monitor power needs throughout your house — automatically cycling power on and off where it's needed.

The way it works is simple. You decide which circuits are most essential to your home. Whenever the generator approaches its power limit, the system turns off non-essential circuits to prevent an overload. Once essential circuits are satisfied, it cycles non-essential circuits back on.

### Power just the basics



Some homeowners prefer a simple, economical approach. Essential coverage protects only your most important circuits — such as lights, furnace, water heater, refrigerator/freezer and sump pump.

Finding the generator that's right for you depends on your needs and your budget — not just your square footage. Generac offers the broadest line of home standby generators in the industry. So we can help you find the perfect match to protect your home.

## Power it all all the time

### 100-400 amp Service Rated:

Generac's service rated automatic transfer switches offer whole-house coverage for your back-up power needs. Featuring a NEMA 3R enclosure, these particular switches can be installed either indoors or outdoors.

### 100-800 amp Non-Service Rated:

Generac's non-service rated automatic transfer switches enable full-circuit coverage, when an additional main disconnect is properly installed in the field. Featuring a NEMA 3R enclosure, these particular switches can be installed either indoors or outdoors.

### 100-200 amp CSA Service-Rated:

CSA models are approved for use in Canada. Featuring a NEMA 3R enclosure, these particular switches can be installed either indoors or outdoors.

## Smart power where you need it

### 100-400 amp Service-Rated:

Generac's service rated automatic transfer switches offer whole-house coverage for your back-up power needs. Featuring a NEMA 3R enclosure, these particular switches can be installed either indoors or outdoors.

### 100-800 amp Non-Service Rated:

Generac's non-service rated automatic transfer switches enable full-circuit coverage, when an additional main disconnect is properly installed in the field. Featuring a NEMA 3R enclosure, these particular switches can be installed either indoors or outdoors.

### 100-200 amp CSA Service-Rated:

CSA models are approved for use in Canada. Featuring a NEMA 3R enclosure, these particular switches can be installed either indoors or outdoors.

\*\*These are the same switches as **Power it all the time**, the difference is the way the switch works with the **Smart Management Module**.

## Power just the basics

### Pre-wired, Limited Circuit Switches:

The only CSA approved service-rated automatic transfer switches on the market, approved for use in Canada. As these switches feature a NEMA 3R enclosure, they can be installed both indoors and outdoors.

**GenReady:** Generac's 200 amp GenReady Panel serves as a replacement to your home's main panel, as well as the transfer switch needed for automatic operation. This solution features a 40-circuit capacity when tandem breakers are properly utilized. Ideal for new home construction, or electrical service upgrades, this switch is a space saver, and can be used with systems up to 30kW in size.

### 100 Amp, NEMA 3R, 16 Circuit

**Switch:** Generac's limited circuit automatic transfer switches are a great option for homes where the electrical panel is located outside. These switches are compatible with breakers manufactured by Eaton, Siemens or Squared D; with the use of tandem breakers, these switches can be expanded to 24 circuits.

### 100-800 Amp, Non-service Rated,

**NEMA 3R Switches:** If your personal application and backup power needs require a custom-built sub panel, Generac's non-service rated automatic transfer switches provide an option for both indoor and outdoor installation. When a limited circuit switch, and/or the combination of breakers on an alternative switch are insufficient, utilize these models.



## Smart Management Module

Meet the brains that make smart power possible.

These modules are essential to a Generac power management system. They work with your transfer switch, monitoring each selected circuit and automatically supplying power where it's needed so you can get the most from your generator.

A Generac power management system can use up to eight individual Smart Management Modules, depending on your needs. Just as important, you can set the load priority for each – putting you in control of which circuits matter most.

# Transfer SWITCHES

	AMPS	MODEL	240V, 2-POLE PHASE / DESCRIPTION	RATING
SMART SWITCHES	100	RTSP100A3	Non-service rated transfer switch	UL / CUL
	100	RTST100A3	Service rated transfer switch	UL
	150	RTST150A3	Service rated transfer switch	UL
	200	RTSP200A3	Non-service rated transfer switch	UL / CUL
	200	RTST200A3	Service rated transfer switch	UL
	300	RTST300A3	Service rated transfer switch	UL
	400	RTSP400A3	Non-service rated transfer switch	UL / CUL
	400	RTST400A3	Service rated transfer switch	UL
	600	RTSP600A3	Non-service rated transfer switch	UL / CUL
	800	RTSP800A3	Non-service rated transfer switch	UL / CUL
LTS SWITCH	200	RTSJ200A3	Power management transfer switch with service disconnect	UL
CSA SWITCH	100	RTSE100A3CSA	CSA approved service-rated	CSA
	200	RTSE200A3CSA	CSA approved service-rated	CSA
PRE-WIRED SWITCHES	50	RTG10EZA1	10 circuit load center, includes all wire, circuit breakers, and conduit for installation, NEMA 1 rated	UL / CUL
	50	RTG12EZA1	12 circuit load center, includes all wire, circuit breakers, and conduit for installation, NEMA 1 rated	UL / CUL
	100	RTG16EZA1	16 circuit load center, includes all wire, circuit breakers, and conduit for installation, NEMA 1 rated	UL / CUL
	100	RTG16EZA3	16 circuit load center, expandable to 24 with use of tandem breakers, NEMA 3 rated	UL / CUL
GENREADY	200 / 125	5448 GenReady	200 Amp, 40 circuit combination electrical panel / transfer switch when the EZ operator (5447) is added	UL
	N/A	5447 GenReady EZ Transfer Operator	EZ Operator install into 5448 to give automatic switch functionality	UL
	200 / 125	5449 GenReady with EZ Transfer Operator	200 Amp, 40 circuit combination electrical panel / transfer switch with the EZ Operator already installed	UL
	200 / 125	5454 GenReady with EZ Operator NEMA 3R	200 Amp, 40 circuit combination electrical panel / transfer switch with the EZ Operator already installed	UL
	200 / 125	5453 GenReady with EZ Operator NEMA 3R	200 Amp, 40 circuit combination electrical panel / transfer switch with the EZ Operator already installed	UL

## Nationwide Dealer Service Network

Generac's commitment to service includes scheduled maintenance programs, warranty assistance and emergency service to ensure that Generac customers are never left powerless. The largest nationwide dealer network has factory-trained technicians on staff and maintains large inventories of Generac parts, components and accessories. Find a dealer near you at [generac.com](http://generac.com).

THE GENERAC  
PROMISE



\* Built in the USA using domestic and foreign parts.

0L2773 Rev. A 3/2015  
©2015 Generac Power Systems, Inc. All Rights Reserved.  
Specifications are subject to change without notice.

**GENERAC**

Generac Power Systems, Inc.  
S45 W29290 Hwy. 59, Waukesha, WI 53189  
[generac.com](http://generac.com) 1-888-GENERAC (1-888-436-3722)