

Automatic Transfer Switches

Service Rated Automatic Transfer Switch with 20–40 Circuit Load Center

200 Amps, Single Phase
Model: RXGW20SHA3



Description

Generac Transfer Switches are designed for use with single phase generators that utilize an Evolution™ or Nexus™ Controller. The 200 amp open transition switch is a single phase service entrance rated configuration. An integrated load center with pass through lugs allows branch circuit protection for outbuildings, while also feeding a home's main distribution panel.

Standard Features

Service Rated Generac Automatic Transfer Switches are housed in an aluminum Type 3R enclosure, with electrostatically applied and baked powder paint. The Heavy Duty Generac Contactor is an ETL recognized device, designed for years of service. The controller at the generator handles all the timing, sensing, exercising functions, and transfer commands. The integrated 20 space load center accepts 1 in (25.4 mm) standard, GFCI, AFCI, or tandem circuit breakers from Siemens, Murray, Eaton, and Square D for the most flexible and cost effective install. Utilizing tandem breakers, the load center can be equipped to support up to 40 individual circuits. All switches are covered by a 5 year limited warranty.

Load Management Technology

Through the use of the integrated Smart A/C Module (SACM), these switches have the capability to manage up to four individual HVAC (24 VAC controlled) loads with no additional hardware. When used in tandem with external Smart Management Modules (SMM), a total of eight more loads can be managed, providing the most installation efficient power management options available.

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Functions

All timing and sensing functions originate in the generator controller.

Utility Voltage Drop-out	<65%
Timer to Generator Start	5 Second Factory Set, Adjustable Between 2 - 1,500 Seconds by a Qualified Dealer*
Engine Warmup Delay	5 Seconds
Standby Voltage Sensor	60% for 5 Seconds
Utility Voltage Pickup	>80%
Re-transfer Time Delay	15 Seconds
Engine Cooldown Timer	60 Seconds
Exerciser	Nexus™: 12 Minutes Weekly Evolution™: 5 to 12 Minutes Adjustable, Weekly/Bi-weekly/Monthly
The Transfer Switch can be Operated Manually Without Power Applied	

* When used in conjunction with units utilizing Evolution™ controls

Specifications

Model	RXGW20SHA3
Amps	200
Voltage	120/240, 1Ø
Load Transition Type (Automatic)	Open Transition Service Rated
Enclosure Type	NEMA 3R
Compliance	ETL
Withstand Rating (Amps)	10,000 22,000*
Integrated Load Center	20–40
*When used with 1 in (25.4 mm) Siemens or Murray breakers.	

Dimensions, Weight, and Wire Ranges

Model		RXGW20SHA3
Height (in/cm)	H1	35.0 / 88.9
	H2	38.5 / 97.8
Width (in/cm)	W1	14.0 / 35.5
	W2	17.6 / 44.7
Depth (in/cm)		8.0 / 20.3
Weight (lbs/kg)		45 / 20.4
Wire Range		#1 - 300 MCM Al/CU 75 °C

