

Panel A back-up Generator Load	QTY	Rating	Factor	Load (VA)
General Lighting (net Sqf@3va)	4676	3	100%	14028
Small Appliance 2 kitchen 1 laundry 1500va each	4	1500	100%	6000
	1	4800	100%	4800
	2	1200	100%	2400
MircoWave	2	996	100%	1992
Disposal	2	900	100%	1800
Refrigerator	2	588	100%	1176
Dishwasher	2	1200	100%	2400
Freezer	1	888	100%	888
Electric Range	0	8016	100%	0
Wall Mounted Oven	1	4500	100%	4500
Counter Mounted Cook top			100%	0
Water Heater	0	4500	100%	0
Clothes Dryer	0	4800	100%	0
Garage Door opener	1	588	100%	588
			100%	0
			100%	0
			100%	0
Total General Load				40572
AC		0	100%	0
forced Air Heat	0		100%	0
Heat Pump	0	7500	100%	0
Supplemental heat	0	5000	100%	0
electrice space heat			100%	0
less than 4 sperately controlled systems	2	7500	65%	9750
more than 4 seperately controlled systems			40%	0
Electric system with continous heat			100%	0
				9750
Calculations				
1st 10 KW of General loads	1	10000	100%	10000
Remaining General Loads	1	30572	40%	12228.8
Largest Heating Or Cooling Load	1	9750	40%	3900
				16128.8
Amps				67.20333333

Automatic Transfer Switches

Service and Non-Service Rated Automatic Transfer Switches



Models: RXSC100A3
RXSW100A3
RXSW150A3
RXSC200A3
RXSW200A3



Description

This series of Generac Automatic Transfer Switches is designed for use with single phase generators that utilize an Evolution™ or Nexus™ Controller. The 100 and 200 Amp open transition switches are available in single phase in both service equipment rated and non-service equipment rated configurations. The 150 Amp open transition switch is only available in a service rated equipment configuration.

Standard Features

Service rated (RXSW) Generac Automatic Transfer Switches are housed in an aluminum NEMA 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. All switches are covered by a five year limited warranty.

* Non-service rated (RXSC) switches are housed in a steel enclosure.

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, a total of eight more loads can be managed, providing the most installation efficient power management options available.

100-200 Amps, Single Phase

Automatic Transfer Switches

Functions

All timing and sensing functions originate in the generator controller.

Utility Voltage Drop-out	<65%
Timer to Generator Start	10 Second Factory Set, Adjustable Between 2 - 1,500 Seconds by a Qualified Dealer*
Engine Warmup Delay	5 Seconds
Standby Voltage Sensor	65% 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

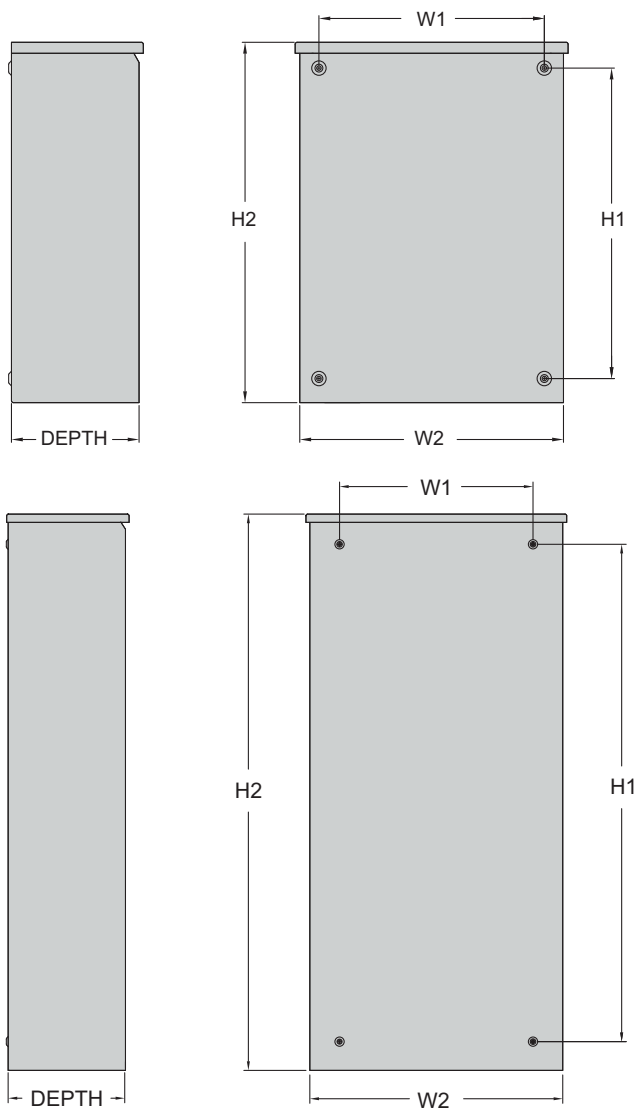
Model	RXSC100A3	RXSW100A3	RXSW150A3	RXSC200A3	RXSW200A3
Amps	100	100	150	200	200
Voltage	120/240, 1Ø	120/240, 1Ø	120/240, 1Ø	120/240, 1Ø	120/240, 1Ø
Load Transition Type (Automatic)	Open Transition	Open Transition Service Rated	Open Transition Service Rated	Open Transition	Open Transition Service Rated
Enclosure Type	NEMA 3R	NEMA 3R	NEMA 3R	NEMA 3R	NEMA 3R
ETL Rating	cETLus	ETLus	ETLus	cETLus	ETLus
Withstand Rating (Amps)	10,000	10,000	22,000	10,000	22,000
Lug Range	2/0 - #14		250 MCM - #6		

100-200 Amps, Single Phase

Automatic Transfer Switches

Dimensions

Model		RXSC100A3	RXSW100A3	RXSW150A3	RXSC200A3	RXSW200A3
Height - in (mm)	H1	17.2 (437.9)	17.2 (437.9)	26.8 (679.4)	17.2 (437.9)	26.8 (679.4)
	H2	20.0 (508.0)	20.0 (508.0)	30.0 (672.0)	20.0 (508.0)	30.0 (672.0)
Width - in (mm)	W1	12.5 (317.5)	12.5 (317.5)	10.5 (266.7)	12.5 (317.5)	10.5 (266.7)
	W2	14.6 (370.8)	14.6 (370.8)	13.5 (342.9)	14.6 (370.8)	13.5 (342.9)
Depth - in (mm)		7.1 (180.1)	7.1 (180.1)	6.3 (160.1)	7.1 (180.1)	6.3 (160.1)
Weight - lbs (kg)		20.0 (9.1)	22.5 (10.2)	39.0 (17.7)	20.0 (9.1)	39.0 (17.7)



Riser Diagram

Hedick
125 SW Hermitage Glen
High Springs, FL 32643

