

## Automatic Transfer Switches

## GenReady™ Whole House Service Equipment Rated Transfer Switch and Load Centers



Model: RXG24SHA1



Model: RXG42SHA1

Model: RXG24SHA1 - 100A NEMA1 with 24 space, 40 circuit

Model: RXG42SHA1 - 200A NEMA1 with 42 space, 60 circuit



\*Assembled in the USA using domestic and foreign parts

## Description

The GenReady Whole House is a service equipment rated panel that integrates a main breaker, transfer switch, and load center. This hybrid panel allows for seamless integration of standby generators. It is available in a NEMA 1 configuration for indoor installations with generators that utilize an Evolution™ or Nexus™ controller. For installation flexibility, it is multi-listed for use with various breaker manufacturers. Installation can be completed during any new home construction or existing panel upgrades, and does not require the generator installation at the same time.

## Standard Features

- Single Phase
- 100 amp, 24 space, expandable to 40 circuit and 200 amp, 42 space, expandable to 60 circuit
- Multi listed for use with Siemens, Murray, Square D, and Eaton 1" breakers
- Accepts GFCI, AFCI, and Tandem breakers
- Utilizes standard Generac and Siemens components
- UL listed for service equipment and consumer safety
- Multiple GenReady panels can be supported with a single generator
- Flush Mount NEMA 1 Steel with electrostatically applied and baked powder paint Indoor Enclosure
- UL67 and UL1008
- 5 Year Limited Warranty
- Load Management Technology
  - Standard - 4 individual HVAC (24 VAC)
  - Optional - Smart Management Modules (SMM), up to 8

**GenReady Whole House Transfer Switch and Load Center****Load Center Product Options**

<b>RXG24SHA1</b>	<b>RXG42SHA1</b>
100A Transfer Switch	200A Transfer Switch
24 Space Load Center	42 Space Load Center
Expandable to 40 Circuits with tandem breakers	Expandable to 60 Circuits with tandem breakers
100A Main Circuit Breaker	200A Main Circuit Breaker

**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**

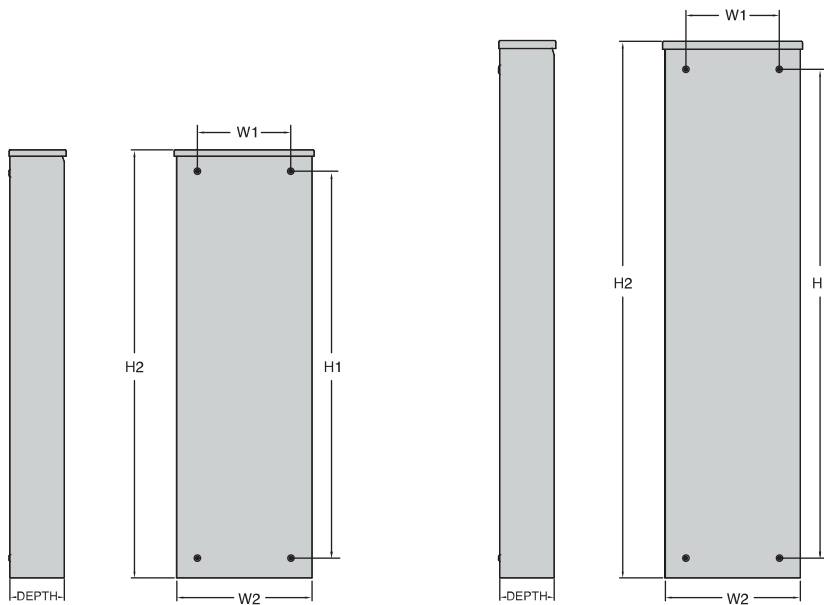
<b>Model</b>	<b>RXG24SHA1</b>	<b>RXG42SHA1</b>
<b>Amps</b>	100	200
<b>Voltage</b>	120/240, 1Ø	120/240, 1Ø
<b>Load Transition Type (Automatic)</b>	Open Transition Service Rated	Open Transition Service Rated
<b>Enclosure Type</b>	NEMA 1	NEMA 1
<b>UL Rating</b>	UL67 and UL1008	UL67 and UL1008
<b>Withstand Rating (Amps)</b>	10,000	10,000 22,000*
<b>Lug Range</b>	#4 - 3/0 CU/AL 75 °C	#1 - 300 MCM CU/AL 75 °C
<b>Weight lb. (kg)</b>	47 (21.3)	64 (29.0)
<b>Weight Shipped lb. (kg)</b>	58 (26)	76 (34.5)

\*when used with Siemens or Murray 1" branch circuit breakers.

**GenReady Whole House Transfer Switch and Load Center**

**Dimensions**

Model		RXG24SHA1	RXG42SHA1
Height (in/cm)	H1	41 / 104.14	55 / 139.7
	H2	45.14 / 114.7	59.09 / 150.1
Width (in/cm)	W1	11 / 27.9	11 / 27.9
	W2	15.5 / 39.4	15.5 / 39.4
Depth (in/cm)		4.84 / 12.3	4.81 / 12.2



**Model: RXG24SHA1**

**Model: RXG42SHA1**