

GenReady™ Whole House

GENERAC®

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

GenReady™ Whole House 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
- DPM Technology — Digital Power Management
 - Standard - 4 individual HVAC (24 VAC)
 - Optional - Smart Management Modules (SMM), up to 8



*Built in the USA using domestic and foreign parts

Model RTG24SHA1 - 100A NEMA1 with
24 space, 40 circuit
Model RTG42SHA1 - 200A NEMA1 with
42 space, 60 circuit

GenReady™ Whole House 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.

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GenReady™ Whole House Transfer Switch and Load Center

Load Center Product Options

100A NEMA 1
GenReady™ Whole House
Model Number RTG24SHA1

- Includes:
- 100A Transfer Switch
 - 24 Space Load Center
 - Expandable to 40 Circuits with tandem breakers
 - 100A Main Circuit Breaker



200A NEMA 1
GenReady™ Whole House
Model Number RTG42SHA1

- Includes:
- 200A Transfer Switch
 - 42 Space Load Center
 - Expandable to 60 Circuits with tandem breakers
 - 200A Main Circuit Breaker



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 2-1500 seconds by a qualified dealer*
Engine warm up delay	5 seconds
Standby voltage sensor60% for 5 seconds
Utility voltage pickup.....	>80%
Re-transfer time delay	15 seconds
Engine cool-down timer	60 seconds
Exerciser	5 minutes bi-weekly, adjustable to weekly or monthly

The transfer switch can be operated manually without power applied.

*When used in conjunction with units utilizing Evolution™ controls

Specifications

Model	RTG24SHA1	RTG42SHA1
Amps	100	200
Voltage	120/240, 1Ø	120/240, 1Ø
Load Transition Type (Automatic)	Open Transition Service Rated	Open Transition Service Rated
Enclosure Type	NEMA 1	NEMA 1
UL Rating	UL67 and UL1008	UL67 and UL1008
Withstand Rating (Amps)	10,000	10,000 22,000*
Main Lug Range Service	#4 - 3/0 CU/AL 75°C	#1 - 300 MCM CU/AL 75° C
Weight lb. (kg)	47 (21.3)	64 (29.0)
Weight shipped lb. (kg)	57.2 (25.9)	75.5 (34.2)

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

GenReady™ Whole House Transfer Switch and Load Center

Dimensions

