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.

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

Model RXG24SHA1 - 100A NEMA1 with 24 space, 40 circuit
Model RXG42SHA1 - 200A NEMA1 with 42 space, 60 circuit
GenReady™ Whole House Transfer Switch and Load Center

Load Center Product Options

100A NEMA 1 GenReady™ Whole House
Model Number RXG24SHA1
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 RXG42SHA1
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%*
Engine warm up delay ........................................................................................................................................................................... 5 seconds
Standby voltage sensor ........................................................................................................................................................................ 60% 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

*When used in conjunction with units utilizing Evolution™ controls

Specifications

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

*when used with Siemens or Murray 1” branch circuit breakers.
GenReady™ Whole House Transfer Switch and Load Center

Dimensions

RXG24SHA1

RXG42SHA1

Main breaker
Neutral and ground bar
Neutral to ground mounting screw
To grounding electrode
Smart AC module

SEE DETAIL A

RXG24SHA1

RXG42SHA1

MAIN BREAKER
NEUTRAL AND GROUND BAR
NEUTRAL TO GROUND MOUNTING SCREW
TO GROUNDING ELECTRODE
SMART AC MODULE

SEE DETAIL A

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