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 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%*
- 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

The transfer switch can be operated manually without power applied.

*When used in conjunction with units utilizing Evolution™ controls

Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>RTG24SHA1</th>
<th>RTG42SHA1</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>
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<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>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>
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</tbody>
</table>

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