OutBack’s pre-assembled and pre-wired power systems take the concept of fast, easy installation to a new level of performance, value and flexibility with the FLEXpower Radian.

Everything needed, outside of power sources and battery backup, is completely integrated—just install the mounting bracket, hang the system on a wall, make the necessary connections and the system is fully operational.

Available in the Radian A Series 4kW or 8kW inverter/charger, both models incorporate OutBack’s GridZero technology, a superior level of intelligence in energy management for self-generation and self-consumption programs. It provides precise balancing between using stored energy, solar and utility power, blending-in the latter to overcome surges and load spikes. Both models feature an Advanced Battery Charging (ABC) profile option to support leading-edge battery technologies such as Lithium-Ion and others, and enhanced diagnostics for improved performance.

FLEXpower Radian Applications:

• The 4kW FLEXpower Radian (FPR-4048A) is ideal for smaller power applications—including homes, cabins, remote communication sites and backup power systems.

• The 8kW FLEXpower Radian (FPR-8048A) is ideal for applications with medium-sized power requirements—including larger homes and light commercial or backup power systems.
### FLEXpower Radian Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Inverter</th>
<th>GSLC</th>
<th>Bypass</th>
<th>Inverter OCPD**</th>
<th>PV OCPD**</th>
<th>GFDI</th>
<th>RTS</th>
<th>Charge Controller</th>
</tr>
</thead>
<tbody>
<tr>
<td>FPR-4048A</td>
<td>FLEXpower Radian</td>
<td>GS4048A</td>
<td>GSLC175PV1-120/240</td>
<td>120/240NC</td>
<td>175A</td>
<td>80A</td>
<td>Yes</td>
<td>Yes</td>
<td>(1) FLEXmax 80</td>
</tr>
<tr>
<td>FPR-8048A</td>
<td>FLEXpower Radian</td>
<td>GS8048A</td>
<td>GSLC175PV1-120/240</td>
<td>120/240NC</td>
<td>175A</td>
<td>80A</td>
<td>Yes</td>
<td>Yes</td>
<td>(2) FLEXmax 80</td>
</tr>
</tbody>
</table>

*All pre-wired systems include a Radian Series inverter/charger, FLEXmax 80 charge controller(s), MATE3 system display and communications, FLEXnet DC system monitor, AC and DC wiring boxes, HUB 10.3 communications, surge protector and remote temperature sensor (RTS). The FLEXpower Radian is also equipped with battery and PV array breakers, GFDI and input-output-bypass. See individual product spec sheets or product guide for full specifications.  **Overcurrent protective device.

### OutBack FLEXpower Radian Finished Dimensions (drawing not to scale)

<table>
<thead>
<tr>
<th>Weight (lb/kg)</th>
<th>FPR-4048A</th>
<th>195 / 88.5 kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>FPR-8048A</td>
<td>250 / 113.4 kg</td>
<td></td>
</tr>
</tbody>
</table>

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**Worldwide Corporate Offices**

**North America**
Tel: +1 360.435.6030  Fax: +1 360.435.6019
**Latin America**
Tel: +1 561.792.9651  Fax: +1 561.792.7157
**Europe**
Tel: +49 9122.79889.0  Fax: +49 9122.79889.21
**Asia Pacific**
Tel: +852 2736.8663  Fax: +852 2199.7988