Three Reasons to Choose the FLEXpower ONE from OutBack Power:

1. ENGINEERED FOR RELIABILITY
   - Ideal for small power applications: cabins, remote communication sites, backup power
   - Available in sealed or vented units with die-cast aluminum chassis
   - Extensive quality and reliability testing, including Highly Accelerated Life Testing (HALT)
   - 15 years of experience manufacturing and improving products for fault-intolerant, mission-critical applications
   - Standard 5 year warranty (extended 10 year warranty available)

2. DESIGNED FOR FLEXIBILITY
   - Available in six models for 120VAC or 230VAC applications
   - Seven different programmable operational modes, with generator assist
   - Advanced Battery Charging (ABC) programmability
   - GridZero operating mode minimizes grid dependence in areas where incentives are changing and utility sell-back is limited
   - Sinewave output in 12V, 24V or 48V versions with a typical operating efficiency up to 93%, field selectable 50Hz/60Hz
   - Sealed models available for operating in harsh environments
   - Sealed Models: 2500VA or 2300VA
   - Vented Models: 3000VA, 3500VA or 3600VA

3. EASY-TO-INSTALL AND MAINTAIN
   - Factory tested, pre-wired and pre-configured
   - Fast installation—just hang on the wall with included bracket and make all necessary connections
   - Field-serviceable modular design and global technical support
   - Monitor, command and control from any internet-connected device with OPTICS RE

OutBack FLEXpower ONE Typical System Integration (w/ 1 FXR/VFXR Inverter/Charger):

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### Power Rating Notes

Inverters that specify power in VA but do not use the unity standard Power Factor (PF) could have misleading power specifications. Volt-Amps (VA) is a total inverter output, while Watts (W) represent the power consumed by the electrical loads. PF, which varies by types of loads, is the ratio of W to VA, and the difference between the two is power in the circuit that does no useful work. At 1.0PF (unity), all power is used. This is the industry-standard used by OutBack Power.

#### Spec Sheet for North America

<table>
<thead>
<tr>
<th>Description</th>
<th>Inverter(s)</th>
<th>FW-X240</th>
<th>Bypass</th>
<th>Outlet</th>
<th>Inverter OCPD**</th>
<th>PV OCPD**</th>
<th>RTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>VFXR3648A, 3.6kW FLEXpower ONE</td>
<td>VFXR3648A</td>
<td>—</td>
<td>120V Bypass</td>
<td>NEMA 5-20R</td>
<td>210A</td>
<td>80A</td>
<td>Yes</td>
</tr>
<tr>
<td>VFXR3524A, 3.5kW FLEXpower ONE</td>
<td>VFXR3524A</td>
<td>—</td>
<td>120V Bypass</td>
<td>NEMA 5-20R</td>
<td>210A</td>
<td>80A</td>
<td>Yes</td>
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<tr>
<td>VFXR3048A, 3.0kW FLEXpower ONE</td>
<td>VFXR3048A</td>
<td>—</td>
<td>120V Bypass</td>
<td>NEMA 5-20R</td>
<td>175A</td>
<td>80A</td>
<td>Yes</td>
</tr>
<tr>
<td>VFXR3024A, 3.0kW FLEXpower ONE</td>
<td>VFXR3024A</td>
<td>—</td>
<td>120V Bypass</td>
<td>NEMA 5-20R</td>
<td>175A</td>
<td>80A</td>
<td>Yes</td>
</tr>
</tbody>
</table>

#### Power Rating Chart for VFXR3648A

![VFXR3648A Power Rating Chart](image)

- **Instantaneous Power Rating:** Most stringent, massive load start. VFXR3648A: 6200VA
- **Surge Power Rating:** Less stringent load start. VFXR3648A: 5400VA
- **Peak Power Rating:** Frequent “heavy duty” load requirements. VFXR3648A: 4000VA
- **Continuous Power Rating:** Sustained “real world” load requirements. VFXR3648A: 3600VA

#### Efficiency Rating Chart for VFXR3648A

![VFXR3648A Efficiency Rating Chart](image)

- **Typical Efficiency Rating:** Real world efficiency with variable loads. VFXR3648A: 93%
- **CEC Efficiency Rating:** Most stringent US rating. VFXR3648A: 91%

### Spec Sheet for Europe

<table>
<thead>
<tr>
<th>Description</th>
<th>Inverter(s)</th>
<th>FW-X240</th>
<th>Bypass</th>
<th>Outlet</th>
<th>Inverter OCPD**</th>
<th>PV OCPD**</th>
<th>RTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>VFXR3048E, 3.0kW FLEXpower ONE</td>
<td>VFXR3048E</td>
<td>—</td>
<td>230V Bypass</td>
<td>—</td>
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<tr>
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<td>—</td>
<td>230V Bypass</td>
<td>—</td>
<td>175A</td>
<td>80A</td>
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</tbody>
</table>

#### Power Rating Chart for VFXR3048E

![VFXR3048E Power Rating Chart](image)

- **Instantaneous Power Rating:** Most stringent, massive load start. VFXR3048E: 5750VA
- **Surge Power Rating:** Less stringent load start. VFXR3048E: 5175VA
- **Peak Power Rating:** Frequent “heavy duty” load requirements. VFXR3048E: 3100VA
- **Continuous Power Rating:** Sustained “real world” load requirements. VFXR3048E: 2300VA

#### Efficiency Rating Chart for VFXR3048E

![VFXR3048E Efficiency Rating Chart](image)

- **Typical Efficiency Rating:** Real world efficiency with variable loads. VFXR3048E: 93%