**PowerWalker VFI 1000-3000 RMG PF1 Series**

- Online technology with Power Factor 1.0
- Strong charger with adjustable current
- Wide input voltage range for all environments and support for AC generator
- Support for laser printers and ultrasound systems (allows connecting loads with half-wave imbalance)
- New LCD design - with estimated backup time and icon diagram

The PowerWalker VFI 1000-3000 RMG PF1 is a professional rack series for commercial applications featuring unity Power Factor (PF=1.0). The wide input voltage and frequency ranges allow operation in unstable networks and provide generator support. Units are equipped with a very strong charger with adjustable current. The series is featuring new LCD panel with higher contrast, estimated backup time display and convenient icon diagram.

### TECHNICAL SPECIFICATION

<table>
<thead>
<tr>
<th>SERIES</th>
<th>VFI 1000-3000 RMG PF1</th>
</tr>
</thead>
<tbody>
<tr>
<td>INPUT</td>
<td></td>
</tr>
<tr>
<td>Voltage</td>
<td>160-300 VAC or 110-300 VAC under low load</td>
</tr>
<tr>
<td>Max THD</td>
<td>&lt;5%</td>
</tr>
<tr>
<td>Max THD</td>
<td>&lt;1.6% @ full linear load</td>
</tr>
<tr>
<td>Input PF</td>
<td>≥ 0.99 at full load</td>
</tr>
<tr>
<td>Frequency Range</td>
<td>40Hz - 70Hz</td>
</tr>
<tr>
<td>Frequency (Synchronized Range)</td>
<td>45Hz - 55Hz or 54Hz - 66Hz</td>
</tr>
<tr>
<td>OUTPUT</td>
<td></td>
</tr>
<tr>
<td>Voltage</td>
<td>200/208/220/230/240 VAC</td>
</tr>
<tr>
<td>Pure Sine Wave</td>
<td>Yes</td>
</tr>
<tr>
<td>THDv</td>
<td>≤2% Full Linear Load; ≤4% Non-Linear Load</td>
</tr>
<tr>
<td>Voltage Regulation (Bat. Mod.)</td>
<td>±1%</td>
</tr>
<tr>
<td>Frequency (Synchronized Range)</td>
<td>47Hz - 53Hz or 57Hz - 63Hz</td>
</tr>
<tr>
<td>Frequency (Battery Mode)</td>
<td>≤0.1Hz</td>
</tr>
</tbody>
</table>

### TECHNICAL DETAILS

- Load Crest Ratio: 3:1
- Transfer Time [AC to Battery]: 0ms
- Transfer Time [Inverter to Bypass]: 4ms
- Generator support: Yes
- Surge protection: Up to 7kV
- Overload Capacity: Line Mode: 2min @105%-130%; 10s @130%-200%; 0.25s @>200%; Battery Mode: 10s @105%-130%; 0.25s @>130%
- External Battery Connection: Yes
- Fan Logic: Always ON, automatic speed control

### COMMUNICATION AND CONNECTIONS

- Software: ViewPower or ViewPowerMini
- USB: Yes
- RS-232: Yes
- Intelligent Slot: Yes
- EPO: Yes
## Online UPS

### ACCESSORIES

<table>
<thead>
<tr>
<th>Name</th>
<th>Picture</th>
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<th>Picture</th>
</tr>
</thead>
<tbody>
<tr>
<td>SNMP Manager</td>
<td><img src="image1.png" alt="SNMP Manager" /></td>
<td>EMD for SNMP Manager</td>
<td><img src="image2.png" alt="EMD for SNMP Manager" /></td>
</tr>
<tr>
<td>AS400 Card</td>
<td><img src="image3.png" alt="AS400 Card" /></td>
<td>Modbus Card 2</td>
<td><img src="image4.png" alt="Modbus Card 2" /></td>
</tr>
<tr>
<td>SNMP Box</td>
<td><img src="image5.png" alt="SNMP Box" /></td>
<td>ATS</td>
<td><img src="image6.png" alt="ATS" /></td>
</tr>
<tr>
<td>BP A36RM-6x9Ah</td>
<td><img src="image7.png" alt="BP A36RM-6x9Ah" /></td>
<td>BP A72RM-12x9Ah</td>
<td><img src="image8.png" alt="BP A72RM-12x9Ah" /></td>
</tr>
</tbody>
</table>

### MODEL

- **VFI 1000 RMG**
  - Item Number: 10122112
  - EAN: 4260074979954
  - Power (kVA): 1000VA
  - Power (kW): 1000W
  - Batteries: 3x 12V/7Ah
  - Battery Connector: Yes
  - DC Voltage: 36VDC
  - Charger Current: 1A / 2A / 4A / 6A / 8A / 12A
  - Default Charger Current: 2A
  - Charging Time: 3h to 90%
  - Half Load Backup Time: 12.9 min
  - IEC C13: 8
  - Width: 438mm (19"
  - Height: 88mm (2U)
  - Depth: 410mm
  - Weight: 14.1kg

- **VFI 1500 RMG**
  - Item Number: 10122113
  - EAN: 4260074979961
  - Power (kVA): 1500VA
  - Power (kW): 1500W
  - Batteries: 3x 12V/8Ah
  - Battery Connector: Yes
  - DC Voltage: 72VDC
  - Charger Current: 1A / 2A / 4A / 6A / 8A / 12A
  - Default Charger Current: 2A
  - Charging Time: 3h to 90%
  - Half Load Backup Time: 10.3 min
  - IEC C13: 0
  - Width: 438mm (19"
  - Height: 88mm (2U)
  - Depth: 410mm
  - Weight: 15.5kg

- **VFI 2000 RMG**
  - Item Number: 10122114
  - EAN: 4260074979978
  - Power (kVA): 2000VA
  - Power (kW): 2000W
  - Batteries: 6x 12V/7Ah
  - Battery Connector: Yes
  - DC Voltage: 36VDC
  - Charger Current: 1A / 2A / 4A / 6A / 8A / 12A
  - Default Charger Current: 2A
  - Charging Time: 3h to 90%
  - Half Load Backup Time: 12.8 min
  - IEC C13: 1
  - Width: 190mm
  - Height: 318mm
  - Depth: 630mm
  - Weight: 23.3kg

- **VFI 3000 RMG**
  - Item Number: 10122115
  - EAN: 4260074979985
  - Power (kVA): 3000VA
  - Power (kW): 3000W
  - Batteries: 6x 12V/8Ah
  - Battery Connector: Yes
  - DC Voltage: 72VDC
  - Charger Current: 1A / 2A / 4A / 6A / 8A / 12A
  - Default Charger Current: 2A
  - Charging Time: 3h to 90%
  - Half Load Backup Time: 10.1 min
  - IEC C13: 0
  - Width: 438mm (19"
  - Height: 88mm (2U)
  - Depth: 410mm
  - Weight: 27.5kg

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14/06/2017