**PowerWalker VFI 30K-40K CPG Series**

- Professional UPS solution for commercial applications
- Adjustable battery number up to 40pcs for high efficiency
- Parallel operation up to 3 units
- Built-in backfeed protection
- Optional Isolation Transformer for full isolation and complete noise rejection

The PowerWalker VFI CPG 3/3 series is a professional commercial solution built in double conversion technology with a high power factor of 0.9. Equipped with three-level inverter topology, it results in high efficiency reaching 95% in Line Mode and even 98% in ECO Mode. The series ensures low harmonic distortions and precise voltage regulation (1%). All phases have Active Power Factor Correction.

Thanks to its modern design, the VFI CPG series reaches a very high power density (kVA output in relation to the size/volume of the unit). All models of this series offer generator support, communication ports for SNMP, USB and RS-232 and allow parallel operation up to three units.

For this model battery numbers can be adjusted (between 32 and 40pcs), allowing more flexibility and compatibility with existing battery banks. The three stage extendable charging design also enhances battery performance over its life time.

For safety reasons this series has been equipped with backfeed protection (reverse feed) in order to avoid power transfer to the input terminal in case of mains failure.

### ACCESSORIES

<table>
<thead>
<tr>
<th>Name</th>
<th>Picture</th>
<th>Name</th>
<th>Picture</th>
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</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>
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<td>Network Management</td>
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<td>Environment Module</td>
<td>Item Number: 10120544 EAN: 4260074974966</td>
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<td>AS400 Card</td>
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<td>Modbus Card 2</td>
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<td>Dry Contacts</td>
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<td>Modbus Protocol</td>
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<td>Parallel Kit</td>
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<td>Network Management</td>
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<td>Built to order</td>
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## TECHNICAL SPECIFICATION

<table>
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<tr>
<th>MODEL</th>
<th>VFI 30K CPG 3/3 BI</th>
<th>VFI 30K CPG 3/3 BX</th>
<th>VFI 40K CPG 3/3 BI</th>
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<td>10122063</td>
<td>10122060</td>
<td>10122064</td>
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<tr>
<td>Power</td>
<td>30000VA / 27000W</td>
<td></td>
<td>40000VA / 36000W</td>
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</table>

### INPUT

- **Input Voltage Range**: 305-478 VAC (3-phase) @100% load & 190-520 VAC (3-phase) @50% load
- **Input PF**: ≥ 0.99 at full load
- **Max THDi**: ≤6%
- **Frequency Range**: 46Hz - 54Hz or 56Hz - 64Hz

### OUTPUT

- **Nominal Output Voltage**: 3x 400V (3Ph+N); (208)/220/230/240VAC(Ph-N)
- **Voltage Regulation**: ±1%
- **THDv**: ≤2% Full Linear Load; ≤5% Non-Linear Load
- **Frequency (Synchronized Range)**: 46Hz - 54Hz or 56Hz - 64Hz
- **Frequency (Battery Mode)**: ±0.1Hz
- **Load Crest Ratio**: Max 3:1
- **Efficiency in Line Mode**: 95.0%
- **Efficiency in ECO Mode**: 98.0%
- **Efficiency in Battery Mode**: 92.0%
- **Overload Capacity**: Line Mode: 10min @100%-110%; 1min @110%-130%; 1s @>130%; Battery mode: 30s @100%-110%; 10s @110%-130%; 1s @>130%

### Communication

- **Software**: PowerWalker ViewPower
- **Ports**: USB, RS-232, EPO
- **Connection**: Terminal connection
- **Parallel Operation**: Up to 3 units of the same size and type

### BATTERIES

- **Batteries**: 2x32x7Ah/12V
- **External**: 32/34/36/38/40 pcs
- **DC Voltage**: 384VDC - 384-480VDC
- **Charger**: 2A - 4A

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All products specifications are subject to change without notice.

11/08/2016