# PowerWalker VFI 3000RT LCD

## Online UPS

3000VA Online UPS with 0.9 Output Power Factor
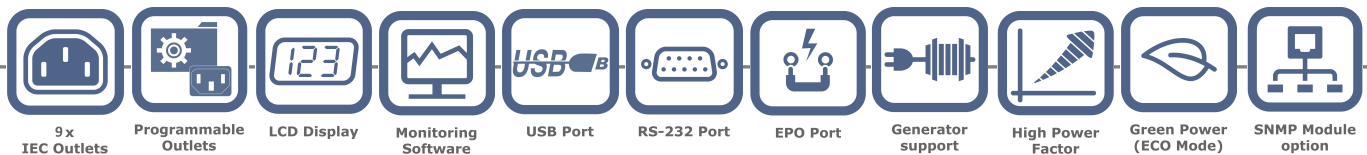
2-in-1 Rack/Tower Design with LCD display

9 IEC Outlets, Dry contacts (in/out), EPO function

USB & RS-232 Connection for monitoring

Optional: SNMP module, AS/400 card, MBS, ATS, RBS, Rack installation kit, Battery Pack

Item-No. 10120123

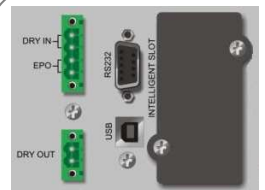| 9 x IEC Outlets | Programmable Outlets | LCD Display | Monitoring Software | USB Port | RS-232 Port | EPO Port | Generator support | High Power Factor | Green Power (ECO Mode) | SNMP Module option |

## Product Features

With true double-conversion online UPS design, PowerWalker VFI 3000RT provides powerful and overall protection to your sensitive devices. It can accept wide input voltage for harsh environment. It offers full protection for critical devices such as sensitive servers, network/telephone communication systems as well as for industrial applications.

With its slim design it only requires 2U valuable space of your rack system. The UPS can be installed in 19" rack systems or used as tower.
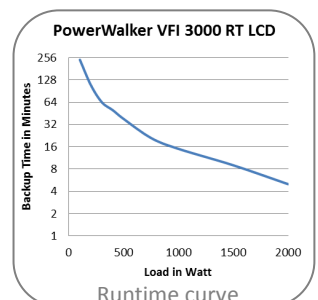
• True double-conversion with pure sine wave output
• Output power factor 0.9
• Monitoring software included
• Wide input voltage range (120-276 VAC)
• Input power factor correction
• Input THDi <5%, Output THDv <2%
• 50/60 Hz frequency converter mode
• ECO mode operation for energy saving
• Programmable power management outlet
• Emergency power off (EPO) function
• Intelligent fan control for reduced noise level
• Smart battery charger to extend battery life
• Optional: Rack installation kit, SNMP module, dry contact AS/400 card, Battery Pack, MBS, ATS, RBS

Dry contacts, Intelligent slot, EPO, RS-232, USB

1x IEC C19 outlets
8x IEC C13 outlets

**PowerWalker VFI 3000 RT LCD**

Runtime curve

## Technical Details

### Product Features

| | |
|---|---|
| **Capacity** | 3000VA/2700W |

### Input

| | |
|---|---|
| **Voltage Range (based on voltage range)** | 120-276VAC Depends on Load Level |
| **Frequency Range** | 45-55Hz/54-66Hz |
| **Power Factor** | ≥ 0.99 at Full Load |

### Output

| | |
|---|---|
| **Voltage** | 208/220/230/240 ± 1% |
| **Frequency (Synchronized Range)** | 45-55Hz/54-66Hz |
| **Frequency (Battery Mode)** | 50/60Hz ± 0.2% |
| **Current Crest Ratio** | 3:1 |
| **Harmonic Distortion** | ≤ 2% (Full Linear Load) |
| **Waveform** | Pure Sine Wave |

### Transfer Time

| | |
|---|---|
| **AC to DC** | Zero |
| **Inverter to Bypass** | Zero |
| **Inverter to ECO** | 1ms |
| **ECO to Inverter** | <10ms |

### Full Load Efficiency

| | |
|---|---|
| **Line mode** | >92% (with batteries full charged) |
| **Battery mode** | >88% (@ 12Vdc/Battery) |
| **ECO mode** | >95% |

### Battery

| | |
|---|---|
| **Type** | 12V / 9Ah |
| **Quantity** | 6x |
| **Backup Time (full load)** | >3 Minutes |
| **Recharge Time** | 3h to 90% |

### Bypass

| | |
|---|---|
| **Before UPS Power-on** | Default "No" Change to "Yes" via display panel |
| **Overload und UPS Failure** | Automatically transfer to bypass |
| **By Setting** | Voltage Rang: 120-276V ± 3% |

### LCD Display (direction swappable)

| | |
|---|---|
| **LCD Indicators** | UPS status, Load level, Battery level, Input/Output voltage, AC mode, battery mode, Bypass mode, fault conditions |
| **Display colour** | Blue, red, red flashing (depends on UPS status) |

### Audio Indicators

| | |
|---|---|
| **4 Modes** | See manual for details |

### Connections

| | |
|---|---|
| **Communication** | USB & RS-232 port |
| **Outlets** | 1x IEC C19, 8x IEC C13 (programmable) |
| **Intelligent Slot** | Yes |
| **Dry contact** | Yes (in/out) |
| **EPO** | Yes |

### Software & System Requirements

| | |
|---|---|
| **Software** | Winpower |
| **Operating System** | For details visit: http://www.powerwalker.com/winpower.html |

### Product Details

| | |
|---|---|
| **Dimensions** | 438 x 608 x 86.5 mm |
| **Colour** | Black |
| **Weight** | 28.6 kg |
| **Fan Control** | Always on, automatic speed control |
| **Noise Level** | < 45dB at 1 Meter |
| **Model Code** | VFI 3000RT LCD |

### Environment

| | |
|---|---|
| **Temperature** | 0°C – 40°C |
| **Humidity** | 0 - 95% (non-condensing) |

### Package Content

| | |
|---|---|
| **Package Content** | PowerWalker VFI 3000RT LCD, Input Power Cord, 2x IEC cable, USB and RS-232 cable, Software CD, Tower holder, Rack ears, EPO plug, Dry contacts plug, manual |

### Optional Accessories

| | |
|---|---|
| **SNMP/NMC Module** | Item-No.: 10120517 |
| **Rack installation Kit** | Item-No.: 10120529 |
| **Battery Pack** | Item-No.: 10120537 |
| **AS/400 card, MBS, RBS, ATS** | For Item-Nr. visit our website |

Use UPS configurator on **www.powerwalker.com** for detailed backup time information.

Version: EN 02/04/2013
We reserve the right for technical changes and mistakes

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## Logistic Data

| | |
|---|---|
| **Giftbox Language** | EN |
| **Manual Language** | EN |
| **Dimension/Giftbox** | 790 x 590 x 236 mm |
| **Weight/Giftbox** | 31.2 kg |
| **Pieces/Carton** | 1 |
| **Pieces/Palette** | 16 |
| **Item Number** | 10120123 |
| **EAN-Code** | 4260074974423 |
| **Warranty** | 24 Month (except battery) |