# PowerWalker VFI 6000RT LCD

## Online UPS

6000VA Online UPS with 0.9 Output Power Factor
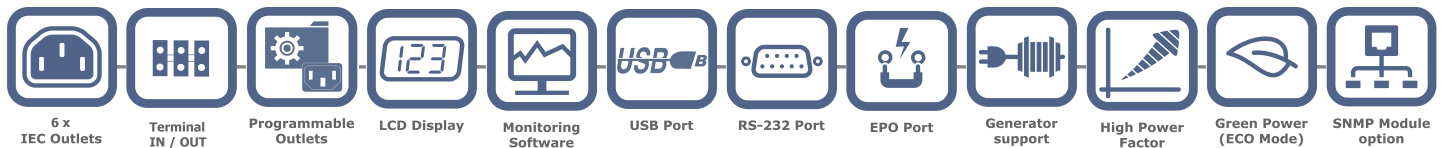
2-in-1 Rack/Tower Design with LCD display,

6 IEC outlets, Terminal Outlet, Dry contacts (in/out) , EPO

USB & RS-232 Connection for monitoring

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

Item-No. 10120125

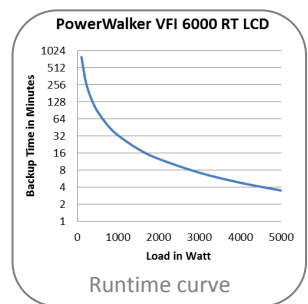| 6 x IEC Outlets | Terminal IN / OUT | Programmable Outlets | LCD Display | Monitoring Software | USB Port | RS-232 Port | EPO Port | Generator support | High Power Factor | Green Power (ECO Mode) | SNMP Module option |
|---|---|---|---|---|---|---|---|---|---|---|---|

## Product Features

With true double-conversion online UPS design, PowerWalker VFI 6000RT 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 3U 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

• Emergency power off (EPO) function

• Intelligent fan control for reduced noise level

• Smart battery charger to extend battery life

• Integrated maintenance bypass switch

• Optional: Rack installation kit, SNMP module, dry contact AS/400 card,
        Battery Pack

4x IEC C13, 2x IEC C19, Terminal ports, MBS

EPO port, USB, RS-232, Intelligent Slot

**PowerWalker VFI 6000 RT LCD**

Runtime curve

## Technical Details

### Product Features

| | |
|---|---|
| **Capacity** | 6000VA/5400W |

### 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 |

### Battery

| | |
|---|---|
| **Type** | 12V / 5Ah |
| **Quantity** | 15x |
| **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 |

### Audio Indicators

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

### Connections

| | |
|---|---|
| **Communication** | USB & RS-232 incl. dry-out contacts |
| **Outlets** | 2x IEC C19, 4x IEC C13, Terminal outlet |
| **Intelligent Slot** | Yes |
| **EPO** | Yes |

### Software & System Requirements

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

### Product Details

| | |
|---|---|
| **Dimensions** | 438 x 698 x 129 mm |
| **Colour** | Black |
| **Weight** | 46 kg |
| **Fan Control** | Always on, automatic speed control |
| **Noise Level** | < 45dB  at 1 Meter |
| **Model Code** | VFI 6000RT LCD |

### Environment

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

### Package Content

| | |
|---|---|
| **Package Content** | PowerWalker VFI 6000RT LCD, 2x IEC cable, EPO plug, manual, USB cable, Software CD, Tower holder, Rack ears |

### Optional Accessories

| | |
|---|---|
| **SNMP/NMC Module** | Item-No.: 10120517 |
| **Rack installation Kit** | Item-No.: 10120531 |
| **Battery Pack** | Item-No.: 10120538 |
| **AS/400 card** | Item-No.: 10120528 |

### Logistic Data

| | |
|---|---|
| **Giftbox Language** | EN |
| **Manual Language** | EN |
| **Dimension/Giftbox** | 955 x 578 x 305 mm |
| **Weight/Giftbox** | 50 kg |
| **Pieces/Carton** | 1 |
| **Pieces/Palette** | 7 |
| **Item Number** | 10120125 |
| **EAN-Code** | 4260074974447 |
| **Warranty** | 24 Month (except battery) |

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