

# PowerWalker VI 1000RT LCD

Line-Interactive UPS

1000VA Line-Interactive UPS with 0.9 Output Power Factor

2-in-1 Rack/Tower Design with LCD display

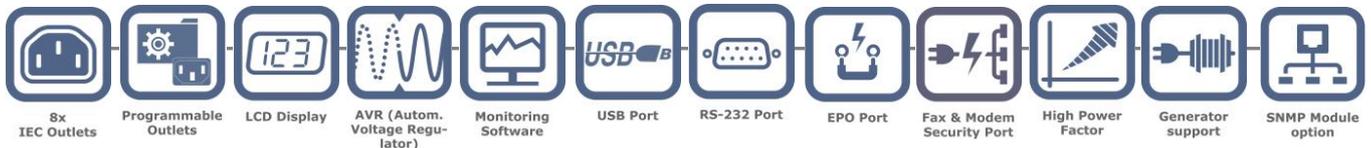
8 IEC Outlets, Dry out contacts, EPO function, RJ11/RJ45

USB & RS-232 Connection for monitoring

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



Item-No. 10120027

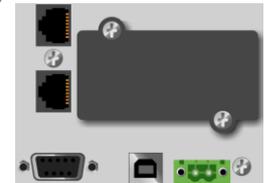


## Product Features

PowerWalker VI 1000RT LCD is a Line-Interactive UPS with pure sine wave output and designed for fulfilling high quality power protection demand. It offers full protection for devices such as 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.

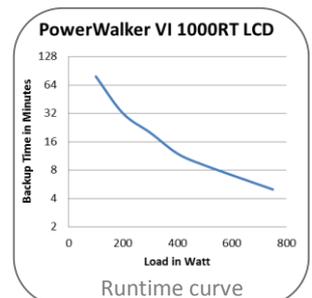
- Pure sine wave output with high output power factor 0.9
- Monitoring software included
- Output THDV < 3%
- High Frequency Topology
- 50/60 Hz frequency converter mode
- Selectable Line Sensitivity
- Swappable LCD Direction
- Programmable power management outlet
- Emergency power off (EPO) function
- Intelligent fan control for reduced noise level
- Self-Monitoring and Fault Diagnosis
- Smart battery charger to extend battery life
- Optional: Rack installation kit, SNMP module, dry contact AS/400 card, Battery Pack, MBS, ATS



RJ11/RJ45 surge protection, RS232 incl. dry-out, intelligent slot, USB, EPO



8x IEC outlets (programmable)



## Technical Details

### Product Features

Capacity	1000VA/900W
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### Input

Voltage	220/230/240VAC
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Acceptable Voltage Range	0-300VAC
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Line Low Transfer (Wide Mode)	154/161/168VAC $\pm$ 4%
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Line Low Transfer	176/184/192VAC $\pm$ 4%
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Line Low Comeback	186/194/202VAC $\pm$ 4%
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Line High Transfer	264/276/288VAC $\pm$ 4%
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Line High Comeback	254/266/278VAC $\pm$ 4%
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Frequency Range	50/60Hz $\pm$ 5% for normal mode; > 40Hz for generator mode
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Surge Rating (LV/HV)	430/250 Joules
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### Output

Voltage	220/230/240VAC
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Voltage Regulation	$\pm$ 5% RMS for entire battery voltage range
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Frequency	50 or 60Hz
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Frequency Regulation	$\pm$ 0,1 Hz (Battery Mode)
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Waveform	Pure Sine Wave
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### Overload Rating

Line Mode	110-0%, $\pm$ 10%; shutdown after 3min.
	150-0%, $\pm$ 10%; shutdown after 200ms

Battery Mode	110% $\pm$ 10%; shutdown after 30sec.
	120% $\pm$ 10% ; shutdown after 100ms

### Transfer Time

Typical	2-6ms Typical, 10ms max; 13ms max. for generator mode
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### Battery

Type	12V / 7Ah
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Quantity	3
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Recharge Time	4h to 90% after discharged
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### LCD Display (direction swappable)

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

4 Modes	See manual for details
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### Connections

Connection	USB, RS-232 incl. dry-out contacts
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Outlets	8x IEC (programmable)
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Intelligent Slot	Yes
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EPO	Yes
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Surge Protection	RJ11/RJ45 (in/out)
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### Software & System Requirements

Software	WinPower
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Operating System	For details visit: <a href="http://www.powerwalker.com/winpower.html">http://www.powerwalker.com/winpower.html</a>
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### Product Details

Dimensions	438 x 436 x 86.5 mm
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Colour	Black
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Weight	17.8kg
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Fan Control	Always on, automatic speed control
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Noise Level	< 45dB
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Model Code	VI 1000RT LCD
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### Environment

Temperature	0°C – 40°C
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Humidity	20 - 80% (non-condensing)
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### Package Content

Package Content	PowerWalker VI 1000RT LCD, Input Power Cord, 2x IEC cable, EPO plug, USB and RS-232 cable, Software CD, Tower holder, Rack ears, manual
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### Optional Accessories

See next page

### Logistic Data

Giftbox Language	EN
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Manual Language	EN, DE, FR
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Dimension/Giftbox	545mm x 545mm x 230mm
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Weight/Giftbox	21kg
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Pieces/carton	1
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Pieces/palette	16
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BlueWalker Item-No.	10120027
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EAN	4260074974317
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Warranty	24 Months (except battery)
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See UPS configurator on [www.powerwalker.com](http://www.powerwalker.com) for detailed backup time information.

**Optional Accessories**



NMC Card (SNMP module)  
 Datasheet: [Link](#)  
 Item No.: 10120517



EMD for NMC Card  
 Environmental Monitoring Device  
 Monitor Temperature & Humidity  
 Datasheet: [Link](#)  
 Item No.: 10120545



AS/400 Card  
 Datasheet: [Link](#)  
 Item No.: 10120527



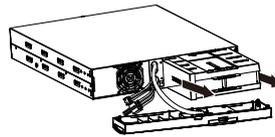
19" Rack-Mount-Kit  
 Datasheet: [Link](#)  
 Item No.: 10120529



IEC -> Schuko Converter  
 Item Nr.: 91015003



Battery Pack with inside 2x Battery Sets  
 (Each battery set contain 3x 12V/7.2Ah batteries)  
 Datasheet: [Link](#)  
 Item No.: 10120535  
 Possible to connect up to 9 Battery Packs



Battery Set with 3x 12V/7Ah batteries  
 (Plug-and-Play solution incl. case and cabling  
 to change internal bat. Set of VI 1000RT LCD)  
 Datasheet: [Link](#)  
 Item No.: to be checked



3x Yuasa 12V/7Ah battery  
 Datasheet: [Link](#)  
 CSB or Panasonic brand can also  
 be used



ATS (Automatic Transfer Switch)  
 Datasheet: [Link](#)  
 Item No.: 10120543



19" MBS (Maintenance Bypass Switch)  
 Datasheet: [Link](#)  
 Item No.: 10120501



MBS (Maintenance Bypass Switch)  
 Datasheet: [Link](#)  
 Item No.: 10120500

Version: EN 14/01/2014  
 We reserve the right for technical changes and mistakes