

# PowerWalker VFI 1000T LCD

Online UPS



1000VA Online UPS

3 IEC Outlets, EPO function

USB Connection for monitoring

LCD display for status view and UPS settings

Optional: SNMP module, Battery Pack, MBS, ATS, Modbus card, Dry-contact AS/400 card



Item-No. 10120150



## Product Features

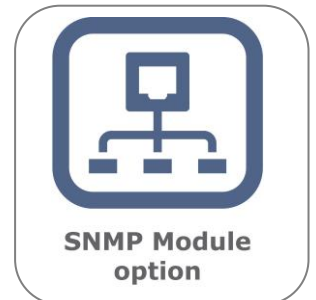
With true double-conversion online UPS design, PowerWalker VFI 1000T LCD provides powerful and overall protection to your sensitive devices. It can accept wide input voltage for harsh environment. It offers full protection for critical devices such as sensitive servers, network/telephone communication systems as well as for industrial applications.

- True double-conversion
- Pure sine wave output
- Monitoring software included
- Output power factor 0.9
- Wide input voltage range (110-300 VAC)
- Input power factor correction 0.99
- 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
- Optional: SNMP module, Battery Pack, MBS, ATS, Modbus card, dry contact AS/400 card

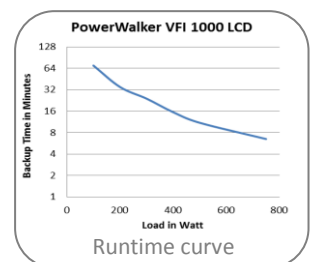
1) Compliant with Energy Star requirements in ECO mode



Backsite view



SNMP Module option



## Technical Details

### Product Features

Capacity	1000VA / 900W
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### Input

Voltage Range	176/165/110VAC $\pm$ 3%
Low Line Transfer	@ 100-75%/75-50%/60-0% load

Voltage Range	186/175/120VAC $\pm$ 3%
Low Line Comeback	@ 100-75%/75-50%/60-0% load

Voltage Range	300VAC $\pm$ 3%
High Line Transfer	

Voltage Range	290VAC $\pm$ 3%
High Line Comeback	

Frequency Range	45Hz ~ 66Hz
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Phase	Single phase with ground
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Power Factor	$\geq$ 0.99
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Output	220/230/240 VAC
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AC Voltage Regulation (Batt. Mode)	$\pm$ 2 %
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Frequency Range (Synchronized Range)	45 ~ 55Hz or 54 ~ 66Hz
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Frequency Range (Batt. Mode)	50/60Hz $\pm$ 0.2Hz
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Current Crest Ratio	3:1
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Harmonic Distortion	$\leq$ 3% THD (Linear Load) $\leq$ 5% THD (Non-linear Load)
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Waveform (Batt. Mode)	Pure Sine Wave
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### Transfer Time

AC Mode to Batt. Mode	zero
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Inverter to Bypass	<4ms (Typical)
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### Efficiency

AC Mode	87 %
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Battery Mode	84 %
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### Battery

Type	12V / 7Ah
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Quantity	3x
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Recharge Time	5h to 90%
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### Overload capability

AC Mode	1min @105%-110%
	30s @110%-120%
or Battery Mode	10s @125%-150%
	1s @ >150%

### Audio Indicators

Battery Mode	Beep every 4sec
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Low Battery	Beep every second
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Overload	Beep twice every second
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Fault	Continuously sounding
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### LCD Display

LCD Indicators	UPS status, Load level, Battery level, Input/Output voltage, AC mode, battery mode, Bypass mode, fault conditions
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### Connections

Communication	USB port
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Outlets	3x IEC
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Ext. Bat. connector	Yes
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Intelligent Slot	Yes
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EPO	Yes
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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">www.powerwalker.com/winpower.html</a>
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Other	1x USB port
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### Product Details

Dimensions	400mm x 145mm x 220mm
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Colour	Black
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Weight	13kg
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Fan Control	Always on, automatic speed control
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Noise Level	< 50dB at 1 meter
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Model Code	VFI 1000T LCD
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### Environment

Temperature	0°C – 45°C
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Humidity	20 - 90% (non-condensing)
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### Package Content

Package Content	PowerWalker VFI 1000T LCD, Input power cord, 2x IEC cable, USB cable, Software CD, manual
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### Logistic Data

Giftbox Language	EN
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Manual Language	EN
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Dimension/Giftbox	560 x 320 x 460 mm
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Weight/Giftbox	15kg
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Pieces/Carton	1
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Pieces/Palette	42
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Item Number	10120150
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EAN	4260074975208
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Warranty	24 Months (except battery)
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Use UPS configurator on [www.powerwalker.com](http://www.powerwalker.com) for detailed backup time information.

Version: EN 26/08/2014  
We reserve the right for technical changes and mistakes

### 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



CMC Card (Modbus Card)  
Datasheet: [Link](#)  
Item No.: 10120564



AS/400 Card  
Datasheet: [Link](#)  
Item No.: 10120528



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



USB cable  
Item Nr.: 91010011



Battery Pack with inside 2x Battery Sets  
(Each battery set contain 3x 12V/7Ah batteries)  
Datasheet: [Link](#)  
Item No.: 10120566  
Possible to connect more than one BP



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



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



Schuko Input -> IEC C13  
Item Nr.: 91010017



UK Input -> IEC C13  
Item Nr.: 91010029

Swiss Input -> IEC C13



IEC C13 -> IEC C14  
Item Nr.: 91010013



Schuko Input -> IEC C19  
Item Nr.: 91010018

UK Input -> IEC C19  
Item Nr.: 91010030

Swiss Input -> IEC C19



IEC C19 -> IEC C20  
Item Nr.: 91010028



IEC C13 -> IEC C20  
Item Nr.: 91010041



IEC C14 -> IEC C19  
Item Nr.: 91010040



IEC C14 -> Schuko  
Converter  
Item Nr.: 91015003



Schuko -> UK adaptor  
Item Nr.: 91010031