

# 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.

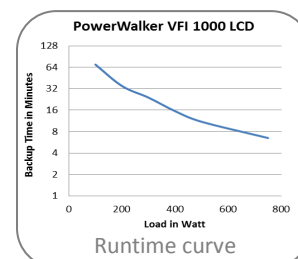
- True double-conversion
- Pure sine wave output
- Monitoring software included
- Output power factor 0.8
- Wide input voltage range (110-300 VAC)
- Input power factor correction 0.99
- 50/60 Hz frequency converter mode
- ECO mode operation for energy saving
- Emergency power off (EPO) function
- Intelligent 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



Backside view



**SNMP Module option**



## Technical Details

### Product Features

<b>Capacity</b>	1000VA / 800W
<b>Input</b>	
<b>Voltage Range</b>	176/165/110VAC $\pm$ 3%
<b>Low Line Transfer</b>	@ 100-75%/75-50%/60-0% load
<b>Voltage Range</b>	186/175/120VAC $\pm$ 3%
<b>Low Line Comeback</b>	@ 100-75%/75-50%/60-0% load
<b>Voltage Range</b>	300VAC $\pm$ 3%
<b>High Line Transfer</b>	
<b>Voltage Range</b>	290VAC $\pm$ 3%
<b>High Line Comeback</b>	
<b>Frequency Range</b>	45Hz ~ 66Hz
<b>Phase</b>	Single phase with ground
<b>Power Factor</b>	$\geq$ 0.99
<b>Output</b>	
	220/230/240 VAC
<b>AC Voltage Regulation (Batt. Mode)</b>	$\pm$ 2 %
<b>Frequency Range (Synchronized Range)</b>	45 ~ 55Hz or 54 ~ 66Hz
<b>Frequency Range (Batt. Mode)</b>	50/60Hz $\pm$ 0.2Hz
<b>Current Crest Ratio</b>	3:1
<b>Harmonic Distortion</b>	$\leq$ 3% THD (Linear Load) $\leq$ 5% THD (Non-linear Load)
<b>Waveform (Batt. Mode)</b>	Pure Sine Wave
<b>Transfer Time</b>	
<b>AC Mode to Batt. Mode</b>	zero
<b>Inverter to Bypass</b>	<4ms (Typical)
<b>Efficiency</b>	
<b>AC Mode</b>	87 %
<b>Battery Mode</b>	84 %
<b>Battery</b>	
<b>Type</b>	12V / 7Ah
<b>Quantity</b>	3x
<b>Recharge Time</b>	5h to 90%
<b>Audio Indicators</b>	
<b>Battery Mode</b>	Beep every 4sec
<b>Low Battery</b>	Beep every second
<b>Overload</b>	Beep twice every second
<b>Fault</b>	Continuously sounding
<b>LCD Display</b>	
<b>LCD Indicators</b>	UPS status, Load level, Battery level, Input/Output voltage, AC mode, battery mode, Bypass mode, fault conditions

### Connections

<b>Communication</b>	USB port
<b>Outlets</b>	3x IEC
<b>Ext. Bat. connector</b>	Yes
<b>Intelligent Slot</b>	Yes
<b>EPO</b>	Yes

### Software & System Requirements

<b>Software</b>	WinPower
<b>Operating System</b>	For details visit: <a href="http://www.powerwalker.com/winpower.html">www.powerwalker.com/winpower.html</a>
<b>Other</b>	1x USB port

### Product Details

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

### Environment

<b>Temperature</b>	0°C – 45°C
<b>Humidity</b>	20 - 90% (non-condensing)

### Package Content

<b>Package Content</b>	PowerWalker VFI 1000T LCD, Input power cord, 2x IEC cable, USB cable, Software CD, manual
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### Optional Accessoires

<b>SNMP/NMC Card</b>	Item-No. 10120517
<b>Battery Pack</b>	Item-No. 10120566
<b>Modbus card</b>	Item-No. 10120564
<b>AS/400 card</b>	Item-No. 10120528
<b>ATS, MBS</b>	For Item-No. visit our website

### Logistic Data

<b>Giftbox Language</b>	EN
<b>Manual Language</b>	EN
<b>Dimension/Giftbox</b>	560 x 320 x 460 mm
<b>Weight/Giftbox</b>	15kg
<b>Pieces/Carton</b>	1
<b>Pieces/Palette</b>	42
<b>Item Number</b>	10120150
<b>EAN</b>	4260074975208
<b>Warranty</b>	24 Months (except battery)

Use UPS configurator on [www.powerwalker.com](http://www.powerwalker.com) for detailed backup time information.

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We reserve the right for technical changes and mistakes