PowerWalker VFI 2000RT LCD

Online UPS

2000VA Online UPS with 0.9 Output Power Factor
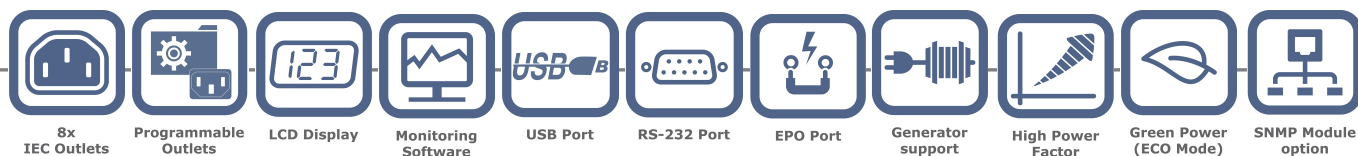
2-in-1 Rack/Tower Design with LCD display

8 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. 10120122

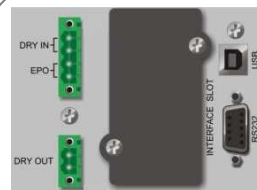| 8x IEC Outlets	Programmable Outlets	LCD Display	Monitoring Software	USB Port	RS-232 Port	EPO Port	Generator support	High Power Factor	Green Power (ECO Mode)	SNMP Module option

Product Features

With true double-conversion online UPS design, PowerWalker VFI 2000RT 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.
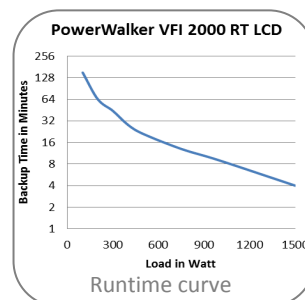
- True double-conversion with pure sine wave output
- Output power factor 0.9
- Monitoring software included
- Wide input voltage range (120-276 VAC)
- Input power factor correction
- Input THDi <5%, Output THDv <2%
- 50/60 Hz frequency converter mode
- ECO mode operation for energy saving
- Programmable 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

8x IEC outlets (programmable)

PowerWalker VFI 2000 RT LCD

Runtime curve

Technical Details

Product Features

Capacity	2000VA/1800W

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 / 9Ah
Quantity	4x
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

Version: EN 02/05/2012
We reserve the right for technical changes and mistakes

Connections

Communication	USB & RS-232 port
Outlets	8x IEC (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 436 x 86.5 mm
Colour	Black
Weight	19.7 kg
Fan Control	Always on, automatic speed control
Noise Level	< 45dB at 1 Meter
Model Code	VFI 2000RT LCD

Environment

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

Package Content

Package Content	PowerWalker VFI 2000RT 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.: 10120536
AS/400 card, MBS, RBS, ATS	For Item-Nr. visit our website

Logistic Data

Giftbox Language	EN
Manual Language	EN
Dimension/Giftbox	535 x 535 x 215mm
Weight/Giftbox	22.7 kg
Pieces/Carton	1
Pieces/Palette	16
Item Number	10120122
EAN-Code	4260074974461
Warranty	24 Month (except battery)

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