

PowerWalker VFI 1000R/1U

Online UPS



1000VA Online UPS

Slim 1U rack design

3 IEC Outlets, EPO

USB connection for monitoring

Optional: SNMP module, Dry-contact AS/400 card, MBS RBS, ATS, Rack installation kit

Item-No. 10120195



Product Features

With true double-conversion online UPS design, PowerWalker VFI 1000R/1U 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 1U valuable space of your rack system. The UPS can be installed in 19" rack systems.

- 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
- Emergency power off (EPO) function
- Smart battery charger to extend battery life
- Optional: SNMP module, AS/400 card, MBS, ATS, Rack installation kit, RBS



Backside view

Technical Details

Product Features

Capacity	1000VA / 800W
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Input

Voltage Range	160VAC \pm 5% @ load > 80%
Low Line Transfer	110VAC \pm 5% @ load < 60%
Voltage Range	170VAC \pm 5% @ load > 80%
Low Line Comeback	120VAC \pm 5% @ load < 60%

Voltage Range	300VAC \pm 5%
High Line Transfer	

Voltage Range	290VAC \pm 5VAC
High Line Comeback	

Frequency Range	40Hz ~ 70Hz
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Phase	Single phase with ground
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Power Factor	>0,99 @ nominal voltage
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Output	220/230/240 VAC
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AC Voltage Regulation (Batt. Mode)	\pm 1 %
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Frequency Range (Synchronized Range)	47 ~ 53Hz
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Frequency Range (Batt. Mode)	50Hz \pm 0.3Hz
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Current Crest Ratio	3:1
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Harmonic Distortion	\leq 3% THD (Linear Load) 5% max.
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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	86 %
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Battery Mode	83 %
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Overload capability

AC Mode	100%~105%: audible warning 105%-130%: 2min to bypass >130%: 10s to bypass
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Battery Mode	100%~105%: audible warning 105%-130%: 10s >130%: 0s
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Battery

Type	6V / 9Ah
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Quantity	4x
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Recharge Time	4h to 90%
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LED

LCD Indicators	AC Mode, Battery Mode, Fault, Off-mode charging
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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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Bypass Mode	Sounding every 10 seconds
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Connections

Communication	USB
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Outlets	3x IEC C13 (programmable)
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Intelligent Slot	Yes
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EPO	Yes
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Software & System Requirements

Software	ViewPower
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Operating System	For details visit: www.powerwalker.com/viewpower.html
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Other	1x USB port
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Product Details

Dimensions	477 x 438 x 44 mm
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Colour	Black
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Weight	12,6kg
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Noise Level	< 50dB at 1 meter
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Model Code	VFI 1000R/1U
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Environment

Temperature	0°C – 40°C
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Humidity	20 - 90% (non-condensing)
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Package Content

Package Content	PowerWalker VFI 1000R/1U, Input power cord, 2x IEC cable, USB cable, Software CD, manual, Rack ears
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Logistic Data

Giftbox Language	EN
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Manual Language	EN
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Dimension/Giftbox	607 x 567 x 158 [mm]
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Weight/Giftbox	
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Pieces/Carton	
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Pieces/Palette	
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Item Number	10120195
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EAN	4260074977165
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Warranty	24 Months (except battery)
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Available accessories



SNMP manager
 Datasheet: [Link](#)
 Item No.: 10120505



EMD for SNMP Manager
 Environmental Monitoring
 Device Monitor Temperature &
 Humidity
 Datasheet: [Link](#)



Modbus Card
 Datasheet: [Link](#)
 Item No.: 10120565



AS/400 Card
 Datasheet: [Link](#)
 Item No.: 10120515



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



USB cable
 Item Nr.: C20Item Nr.:
 91010028



19" Rack-Mount-Kit
 Datasheet: [Link](#)
 Item No.: 10120507



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



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 -> UK adaptor
 Item Nr.: 91010031



IEC C14 -> Schuko
 Converter
 Item Nr.: 91015003

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

Version: EN 16/01/2015

We reserve the right for technical changes and mistakes