

# PowerWalker VFI 2000 CRM LCD

Online UPS

2000VA Online UPS

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

Discharge Timer

External Batteries Connection

USB & RS-232 Connection for monitoring

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



Item-No. 10122001



## Product Features

With true double-conversion online UPS design, PowerWalker VFI 2000 CRM 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.

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
- 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
- Smart battery charger to extend battery life
- Optional: SNMP module, dry contact AS/400 card, MBS, ATS, Battery Pack, Rack installation kit, RBS



Backside view

## Technical Details

### Product Features

<b>Capacity</b>	2000VA / 1600W
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### Input

<b>Voltage Range</b>	110-300 VAC at 50% load 160-280 VAC at 100% load
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<b>Frequency Range</b>	40-70Hz
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<b>Phase</b>	Single phase with ground
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<b>Power Factor</b>	>0.99 @ Nominal Voltage (100% load)
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<b>Output</b>	200/208/220/230/240 VAC
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<b>AC Voltage Regulation (Batt. Mode)</b>	± 1 %
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<b>Frequency Range (Synchronized Range)</b>	47 ~ 53Hz or 57 ~ 63Hz
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<b>Frequency Range (Batt. Mode)</b>	50Hz ± 0.25Hz or 60Hz ± 0.3Hz
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<b>Current Crest Ratio</b>	3:1
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<b>Harmonic Distortion</b>	≤ 3% THD (Linear Load) ≤ 6% THD (Non-linear Load)
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<b>Waveform (Batt. Mode)</b>	Pure Sine Wave
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### Transfer Time

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

<b>AC Mode</b>	89 %
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<b>Battery Mode</b>	87 %
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### Battery

<b>Type</b>	12V / 9Ah
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<b>Quantity</b>	4x
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<b>Recharge Time</b>	4h to 90%
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<b>Charging Current</b>	1A
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<b>Charging Voltage</b>	54,7VDC
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<b>External Battery Connection</b>	Yes
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### LCD Display

<b>LCD Indicators</b>	UPS status, Load level, Battery level, Input/Output voltage, Discharge Timer, fault conditions
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### Audio Indicators

<b>Battery Mode</b>	Beep every 4sec
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<b>Low Battery</b>	Beep every second
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<b>Overload</b>	Beep twice every second
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<b>Fault</b>	Continuously sounding
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### Connections

<b>Communication</b>	USB & RS-232 port
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<b>Outlets</b>	4x IEC
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<b>Intelligent Slot</b>	Yes
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### Software & System Requirements

<b>Software</b>	ViewPower
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<b>Operating System</b>	For details visit: <a href="http://www.powerwalker.com/viewpower.html">www.powerwalker.com/viewpower.html</a>
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<b>Other</b>	1x USB port or 1x RS-232 port
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### Product Details

<b>Dimensions</b>	410 x 438 x 88 mm
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<b>Colour</b>	Black
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<b>Weight</b>	19kg
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<b>Noise Level</b>	< 50dB at 1 meter
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<b>Model Code</b>	VFI 2000 CRM LCD
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### Environment

<b>Temperature</b>	0°C – 40°C
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<b>Humidity</b>	20 - 90% (non-condensing)
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### Package Content

<b>Package Content</b>	PowerWalker VFI 2000 CRM LCD, Input power cord, 2x IEC cable, USB cable, Software CD, manual, Tower holder, Rack ears
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### Logistic Data

<b>Giftbox Language</b>	EN
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<b>Manual Language</b>	EN
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<b>Dimension/Giftbox</b>	t.b.c.
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<b>Weight/Giftbox</b>	t.b.c.
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<b>Pieces/Carton</b>	1
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<b>Pieces/Palette</b>	
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<b>Item Number</b>	10122001
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<b>EAN</b>	4260074977189
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<b>Warranty</b>	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](#)  
Item No.: 10120544



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



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



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



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



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

RS-232 cable  
Item Nr.: 91010012



USB cable  
Item Nr.: 91010011



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



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



Yuasa 12V/9Ah battery  
Datasheet: [Link](#)  
CSB or Panasonic brand can  
also be used

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

Version: EN 06/02/2015  
We reserve the right for technical changes and mistakes



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



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