

PowerWalker VFI 3000 CRM LCD

Online UPS

3000VA 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. 10122002



Product Features

With true double-conversion online UPS design, PowerWalker VFI 3000 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

Capacity	3000VA / 2400W
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Input

Voltage Range	110-300 VAC at 50% load 160-280 VAC at 100% load
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Frequency Range	40-70Hz
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Phase	Single phase with ground
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Power Factor	>0.99 @ Nominal Voltage (100% load)
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Output	200/208/220/230/240 VAC
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AC Voltage Regulation (Batt. Mode)	± 1 %
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Frequency Range (Synchronized Range)	47 ~ 53Hz or 57 ~ 63Hz
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Frequency Range (Batt. Mode)	50Hz ± 0.25Hz or 60Hz ± 0.3Hz
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Current Crest Ratio	3:1
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Harmonic Distortion	≤ 3% THD (Linear Load) ≤ 6% 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	90 %
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Battery Mode	88 %
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Battery

Type	12V / 9Ah
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Quantity	6x
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Recharge Time	9h to 90%
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Charging Current	1A
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Charging Voltage	82,1VDC
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External Battery Connection	Yes
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LCD Display

LCD Indicators	UPS status, Load level, Battery level, Input/Output voltage, Discharge Timer, fault conditions
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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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Connections

Communication	USB & RS-232 port
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Outlets	4x IEC, Terminal
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Intelligent Slot	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 or 1x RS-232 port
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Product Details

Dimensions	630 x 438 x 88 mm
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Colour	Black
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Weight	29,3kg
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Noise Level	< 50dB at 1 meter
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Model Code	VFI 3000 CRM LCD
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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 3000 CRM LCD, Input power cord, 2x IEC cable, USB cable, Software CD, manual, Tower holder, Rack ears
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Logistic Data

Giftbox Language	EN
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Manual Language	EN
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Dimension/Giftbox	t.b.c.
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Weight/Giftbox	t.b.c.
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Pieces/Carton	1
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Pieces/Palette	
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Item Number	10122002
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EAN	4260074977196
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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](#)
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 for detailed backup time information.

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



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



IEC C13 -> IEC C14
Item Nr.: 91010013