

PowerWalker VFI 1000 CRM LCD

Online UPS

1000VA 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. 10122000



Product Features

With true double-conversion online UPS design, PowerWalker VFI 1000 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	1000VA / 800W
Input	
Voltage Range	110-300 VAC at 50% load 160-280 VAC at 100% load
Frequency Range	40-70Hz
Phase	Single phase with ground
Power Factor	>0.99 @ Nominal Voltage (100% load)
Output	200/208/220/230/240 VAC
AC Voltage Regulation (Batt. Mode)	± 1 %
Frequency Range (Synchronized Range)	47 ~ 53Hz or 57 ~ 63Hz
Frequency Range (Batt. Mode)	50Hz ± 0.25Hz or 60Hz ± 0.3Hz
Current Crest Ratio	3:1
Harmonic Distortion	≤ 3% THD (Linear Load) ≤ 6% THD (Non-linear Load)
Waveform (Batt. Mode)	Pure Sine Wave
Transfer Time	
AC Mode to Batt. Mode	zero
Inverter to Bypass	4ms (Typical)
Efficiency	
AC Mode	88 %
Battery Mode	83 %
Battery	
Type	12V / 9Ah
Quantity	2x
Recharge Time	4h to 90%
Charging Current	1A
Charging Voltage	27.4VDC
External Battery Connection	Yes
LCD Display	
LCD Indicators	UPS status, Load level, Battery level, Input/Output voltage, Discharge Timer, fault conditions

Audio Indicators

Battery Mode	Beep every 4sec
Low Battery	Beep every second
Overload	Beep twice every second
Fault	Continuously sounding

Connections

Communication	USB & RS-232 port
Outlets	3x IEC
Intelligent Slot	Yes

Software & System Requirements

Software	ViewPower
Operating System	For details visit: www.powerwalker.com/viewpower.html
Other	1x USB port or 1x RS-232 port

Product Details

Dimensions	310 x 438 x 88 mm
Colour	Black
Weight	12kg
Noise Level	< 50dB at 1 meter
Model Code	VFI 1000 CRM LCD

Environment

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

Package Content

Package Content	PowerWalker VFI 1000 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
Manual Language	EN
Dimension/Giftbox	t.b.c.
Weight/Giftbox	t.b.c.
Pieces/Carton	1
Pieces/Palette	
Item Number	10122000
EAN	4260074977172
Warranty	24 Months (except battery)

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 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