

PowerWalker VFI 1000 LCD

Online UPS

1000VA Online UPS

4 IEC Outlets, RJ11/RJ45 Surge Protection, EPO function

USB & RS-232 Connection for monitoring

LCD display for status view and UPS settings

Optional: SNMP module, AS/400 card, Modbus card, EMD, Battery Pack, MBS, ATS



Item-No. 10120105



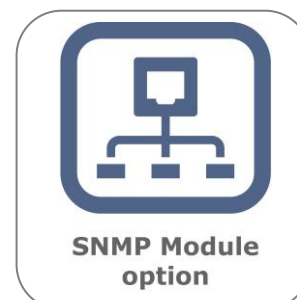
Product Features

With true double-conversion online UPS design, PowerWalker VFI 1000 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.

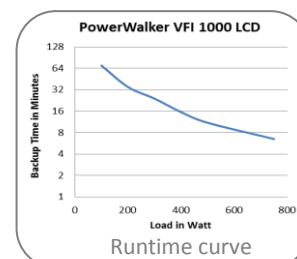
- True double-conversion
- Pure sine wave output
- Monitoring software included
- Output power factor 0.8
- Wide input voltage range (110-300 VAC)
- Input power factor correction 0.99
- 50/60 Hz frequency converter mode
- ECO mode operation for energy saving
- Programmable power management outlet
- Emergency power off (EPO) function
- Intelligent fan control for reduced noise level
- Smart battery charger to extend battery life
- Optional: SNMP module, dry contact AS/400 card, MBS, ATS, Battery Pack



Backside view



SNMP Module option



Technical Details

Product Features

Capacity	1000VA / 800W
Input	
Voltage Range	160/110VAC $\pm$ 5% @ 100% load
Low Line Transfer	
Voltage Range	175VAC $\pm$ 5%
Low Line Comeback	
Voltage Range	300VAC $\pm$ 5%
High Line Transfer	
Voltage Range	290VAC $\pm$ 5VAC
High Line Comeback	
Frequency Range	40Hz ~ 70Hz
Phase	Single phase with ground
Power Factor	$\geq$ 0.99 @ Nominal Voltage (100% Load)
Output	
	208/220/230/240 VAC
AC Voltage Regulation (Batt. Mode)	$\pm$ 3 %
Frequency Range (Synchronized Range)	47 ~ 53Hz or 57 ~ 63Hz
Frequency Range (Batt. Mode)	50Hz $\pm$ 0.25Hz or 60Hz $\pm$ 0.3Hz
Current Crest Ratio	3:1
Harmonic Distortion	$\leq$ 3% THD (Linear Load) $\leq$ 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	85 %
Battery Mode	83 %
Overload capacity	
AC Mode	Warning @ 100%-110% Bypass @ >110%
Battery Mode	Warning @ 100%-110% 30s @ 110%-130% Shutdown @ >130%
Battery	
Type	12V / 7Ah
Quantity	3x
Recharge Time	4h to 90%
LCD Display	
LCD Indicators	UPS status, Load level, Battery level, Input/Output voltage, AC mode, battery mode, Bypass mode, fault conditions

Connections

Communication	USB & RS-232 port
Outlets	4x IEC (2x programmable)
Surge Protection	RJ11/RJ45 (in/out)
Intelligent Slot	Yes
EPO	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	397 x 126 x 221 mm
Colour	Black
Weight	13.6kg
Fan Control	Always on, automatic speed control
Noise Level	< 45dB at 1 meter
Model Code	VFI 1000 LCD

Environment

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

Package Content

Package Content	PowerWalker VFI 1000 LCD, Input power cord, 2x IEC cable, USB cable, Software CD, manual
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Optional Accessoires

See next page

Logistic Data

Giftbox Language	EN/DE/FR/ES/IT/PT/SE/FI/NO/TR RU/UA/BY/PL/CZ/HR/HU/BG/KZ/CS
Manual Language	EN/DE/FR/ES/RU/IT/PT
Dimension/Giftbox	470 x 235 x 325 mm
Weight/Giftbox	15.1kg
Pieces/carton	1
Pieces/palette	42
Item Number	10120105
EAN	4260074972740
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](#)



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



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



Battery Pack with inside 2x Battery Sets
(Each battery set contain 6x 12V/7Ah
batteries)
Datasheet: [Link](#)
Item No.:



Battery Pack with 3A charger
(with inside 3x Battery Sets)
(Each Set contain 6x 12V/7Ah)
Datasheet: [Link](#)
Item No.:



Battery Pack with inside 1x Battery Sets
(Battery set contain 6x 12V/7Ah batteries)
Datasheet: [Link](#)
Item No.: 10120546
Possible to connect more than 1 Battery Pack



RS-232 cable
Item Nr.: 91010012



USB cable
Item Nr.: 91010011

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

Version: EN 26/02/2015
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



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