

PowerWalker VFI 3000 LCD

Online UPS

3000VA Online UPS

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

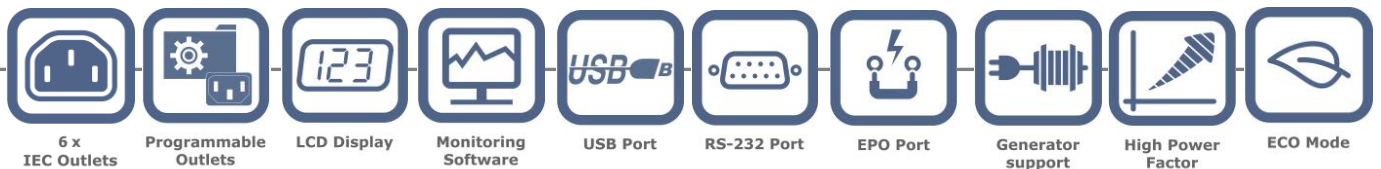
USB & RS-232 Connection for monitoring

LCD display for status view and UPS settings

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



Item-No. 10120106



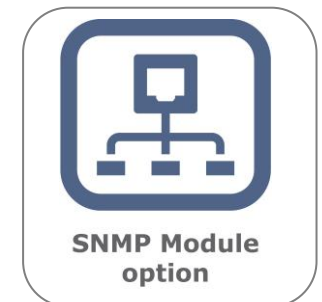
Product Features

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

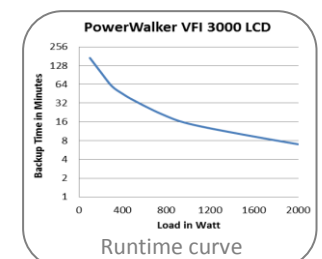
- True double-conversion
- Pure sine wave output
- Monitoring software included
- Output power factor 0.9
- Wide input voltage range (110-300 VAC)
- Input power factor correction 0.99
- 50/60 Hz frequency converter mode
- ECO mode operation for energy saving
- Programmable power management outlet
- Emergency 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



Runtime curve

Technical Details

Product Features

Capacity	3000VA / 2700W
-----------------	----------------

Input

Voltage Range Low Line Transfer	160/110VAC \pm 5% @ 100% load
--	---------------------------------

Voltage Range Low Line Comeback	175VAC \pm 5%
--	-----------------

Voltage Range High Line Transfer	300VAC \pm 5%
---	-----------------

Voltage Range High Line Comeback	290VAC \pm 5VAC
---	-------------------

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 4% THD (Linear Load) \leq 7% 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 %
---------------------	------

Overload capacity

AC Mode	Warning @100%-110% Bypass @>110%
----------------	-------------------------------------

Battery Mode	Warning @100%-110% 30s @110%-130% Shutdown @>130%
---------------------	---

Battery

Type	12V / 9Ah
-------------	-----------

Quantity	6x
-----------------	----

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	6x IEC (3x 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	421mm x 190mm x 318mm
-------------------	-----------------------

Colour	Black
---------------	-------

Weight	29.1kg
---------------	--------

Fan Control	Always on, automatic speed control
--------------------	------------------------------------

Noise Level	< 45dB at 1 meter
--------------------	-------------------

Model Code	VFI 3000 LCD
-------------------	--------------

Environment

Temperature	0°C – 40°C
--------------------	------------

Humidity	20 - 90% (non-condensing)
-----------------	---------------------------

Package Content

Package Content	PowerWalker VFI 3000 LCD, Input power cord, 2x IEC cable, USB cable, Software CD, manual
------------------------	--

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	560 x 320 x 460 mm
--------------------------	--------------------

Weight/Giftbox	31.5kg
-----------------------	--------

Pieces/Carton	1
----------------------	---

Pieces/Palette	16
-----------------------	----

Item Number	10120106
--------------------	----------

EAN	4260074972757
------------	---------------

Warranty	24 Months (except battery)
-----------------	----------------------------

Available accessories



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



EMD for SNMP
 Manager
 Environmental Monitoring
 Device Monitor Temperature



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



Yuasa 12V/9Ah
 battery
 Datasheet: [Link](#)
 CSB or Panasonic

RS-232 cable
 Item Nr.: 91010012



USB cable
 Item Nr.: 91010011



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 C14 -> Schuko
 Converter
 Item Nr.: 91015003



IEC C13 -> IEC C20
 Item Nr.: 91010041



IEC C14 -> IEC C19
 Item Nr.: 91010040



IEC C13 -> IEC C14
 Item Nr.: 91010013



Battery Pack with inside 1x Battery
 Sets
 (Battery set contain 6x 12V/9Ah batteries)
 Datasheet: [Link](#)
 Item No.: 10120511



Battery Pack with inside 2x Battery
 Sets
 (Each battery set contain 6x 12V/9Ah
 batteries)
 Datasheet: [Link](#)



Battery Pack with 3A
 charger
 (with inside 3x Battery Sets)
 (Each Set contain 6x 12V/9Ah)

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