

PowerWalker VFI 2000C LCD

Online UPS

2000VA/1600W Online UPS

4 IEC Outlets, SNMP-Card slot

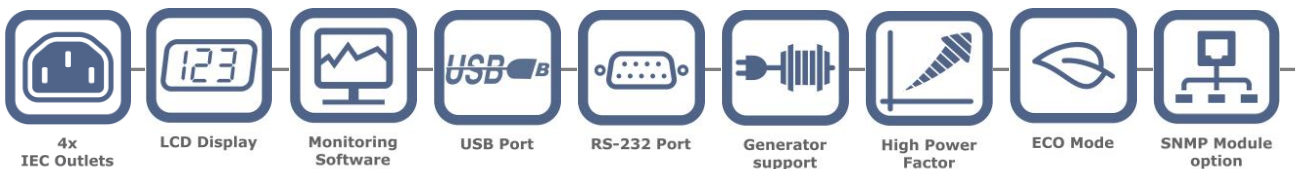
USB & RS-232 Connection for monitoring

LCD display for status view and UPS settings

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



Item-No. 10120178



Product Features

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

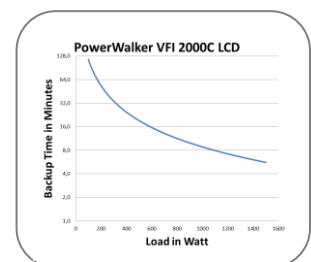
- True double-conversion
- Pure sine wave output
- Monitoring software included
- Output power factor 0.8
- Wide input voltage range (110-300 VAC)
- Input power factor correction 0.99
- 50/60 Hz frequency converter mode
- ECO mode operation for energy saving
- Intelligent fan control
- Smart battery charger to extend battery life
- Optional: SNMP module, Dry contact AS/400 card, Modbus Card, MBS, ATS



Backsite view



Display for status view and settings



Technical Details

Product Features

Capacity	2000VA / 1600W
----------	----------------

Input

Voltage Range	110-160VAC \pm 5%
Low Line Transfer	depending on load level

Voltage Range	125-175VAC \pm 5%
Low Line Comeback	depending on load level

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 (input voltage)
--------------	---

Output

Output Voltage	200/208/220/230/240 VAC
----------------	-------------------------

AC Voltage Regulation (Batt. Mode)	\pm 1 %
------------------------------------	-----------

Frequency Range (Synchronized Range)	47 ~ 53Hz or 57 ~ 63Hz
--------------------------------------	---------------------------

Frequency Range (Batt. Mode)	50Hz \pm 0.25Hz or 60Hz \pm 0.3Hz
------------------------------	--

Overload (ambient temp <35°C)	Line Mode: Switch to bypass @>105%
	Battery Mode: 10min @105%-110%
	1min @110%-130%
	3s @>130%

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	89 %
---------	------

Battery Mode	87 %
--------------	------

Battery

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

Quantity	4x
----------	----

Recharge Time	9h to 90%
---------------	-----------

Audio Indicators

4 Modes	See manual for details
---------	------------------------

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
---------	--------

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	397 x 145 x 220 mm
------------	--------------------

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

Weight	17.0kg
--------	--------

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

Noise Level	< 50dB at 1 meter
-------------	-------------------

Model Code	VFI 2000C LCD
------------	---------------

Environment

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

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

Package Content

Package Content	PowerWalker VFI 2000C LCD, Input power cord, USB cable, Software CD, manual
-----------------	---

Optional Accessoires

See next page	
---------------	--

Logistic Data

Giftbox Language	EN
------------------	----

Manual Language	EN/ES
-----------------	-------

Dimension/Giftbox	472 x 230 x 325 mm
-------------------	--------------------

Weight/Giftbox	18.5kg
----------------	--------

Pieces/carton	1
---------------	---

Pieces/palette	42
----------------	----

Item Number	10120178
-------------	----------

EAN	4260074976564
-----	---------------

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

Optional 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



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

RS-232 cable
 Item Nr.: 91010012



USB cable
 Item Nr.: 91010011



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 C14 -> Schuko
 Converter
 Item Nr.: 91015003



IEC C13 -> IEC C20
 Item Nr.: 91010041



IEC C14 -> IEC C19
 Item Nr.: 91010040

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

Version: EN 26/08/2014
 We reserve the right for technical changes and mistakes