

PowerWalker VFI 2000C LCD

Online UPS

2000VA/1600W Online UPS

4 IEC Outlets, SNMP-Card slot

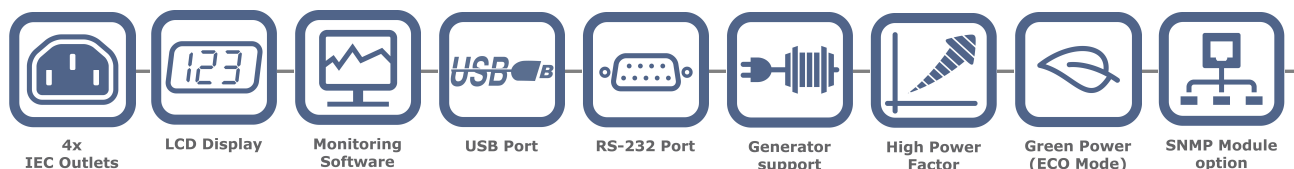
USB & RS-232 Connection for monitoring

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



Backside 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)	105%~110%: UPS shuts down after 10 minutes at battery mode or transfer to bypass when the utility is normal 110%~130%: UPS shuts down after 1minute at battery mode or transfer to bypass when the utility is normal >130%:UPS shuts down after 3 seconds at battery mode
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	4h to 90%

Audio Indicators

4 Modes	See manual for details
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LCD Display

LCD Indicators	UPS status, Load level, Battery level, Input/Output voltage, AC mode, battery mode, Bypass mode, fault conditions
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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, 2x IEC cable, USB cable, Software CD, manual
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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)

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

Version: EN 05/08/2014

We reserve the right for technical changes and mistakes

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



IEC -> Schuko Converter
Item Nr.: 91015003



4x Yuasa 12V/9Ah battery
Datasheet: [Link](#)
CSB or Panasonic brand can also be used



ATS (Automatic Transfer Switch)
Datasheet: [Link](#)
Item No.: 10120543



19" MBS (Maintenance Bypass Switch)
Datasheet: [Link](#)
Item No.: 10120501



MBS (Maintenance Bypass Switch)
Datasheet: [Link](#)
Item No.: 10120500