

## Product Description

### PowerWalker VFI 1000 LCD

- High efficiency results in energy saving with output power factor 0.9
- Emergency Power Off connection and Intelligent Slot for extension card (i.e. SNMP or Modbus)
- Programmable outlets



Item Number: 10120105



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

## Technical specification

<b>General features</b>		Recharge Time	4h to 90%
Type	Online	<b>Connections and communication</b>	
Power capacity	1000VA / 900W	IEC C13 Outlet	4
Output Power Factor	0.90	Programmable Outlets	Yes
<b>Input</b>		Input	C14
Input Voltage Range	Voltage Range Low Line Transfer 110-160VAC ± 5% depending on load level Voltage Range Low Line Comeback 125-175VAC ± 5% depending on load level Voltage Range High Line Transfer 300VAC ± 5% Voltage Range High Line Comeback 290VAC ± 5VAC	Software	ViewPower
Input PF	≥ 0.99 at full load	USB port	Yes
Frequency Range	40Hz - 70Hz	RS-232 Port	Yes
Frequency (Synchronized Range)	47Hz - 53Hz or 57Hz - 63Hz	Extension Slot	Yes, 1
<b>Output</b>		EPO Port	Yes
Nominal Output Voltage	208/220/230/240 VAC	RJ-45/RJ-11 protection	Yes
Pure Sine Wave	Yes	<b>Environment</b>	
THDv	≤2% Full Linear Load; ≤4% Non-Linear Load	Noise Level	< 45dB
Voltage Regulation (Bat. Mod.)	±1%	Temperature	0°C – 40°C
Frequency (Battery Mode)	±0,1Hz	Humidity	20% - 90% RH (non-condensing)
<b>Technical details</b>		<b>Logistics</b>	
Load Crest Ratio	3:1	IEC 62040-3 classification	VFI-SS-111
Transfer Time [AC to Battery]	0ms	Package Content	UPS, Manual, Software CD, USB Cable, Input Power Cable, 2x IEC Cable
Transfer Time [Inverter to Bypass]	4ms	Manual Languages	EN/DE/FR/ES/RU/IT/PT /TR/PL
Generator support	Yes	EAN	4260074972740
Overload Capacity	Line: Warning @100%-110%; Bypass @>110%; BAT: Warning @100%-110%; 30s @110%-130%; Shutdown @>130%	Width	145 mm
External Connection	Battery Yes	Height	221 mm
Fan Logic	Internal temperature > 50degC: high speed; Inverter NTC temperature > 80degC: high speed; CFCV Mode: high speed; ECO, Bypass, Standby Mode: low speed; Load <60%: low speed; Load 60-80%: half speed; Load > 80%: high speed;	Depth	397 mm
		Weight	13.6 kg
		Giftbox - Width	235 mm
		Giftbox - Height	325 mm
		Giftbox - Depth	470 mm
		Giftbox - Weight	15.1 kg
		Pcs. per box	1
		Pcs. per layer	7
		Pcs. per pal	42

<b>Efficiency</b>	
LINE mode full Load	90.0%
BATTERY mode full Load	86.0%
<b>Batteries and autonomy time</b>	
Batteries	3x 12V/7Ah
DC Voltage	3 x 12V

## Accessories

Name	Product Description	Picture
<p><b><u>SNMP Manager</u></b> Network Management Item Number: 10120505 EAN: 4260074974034</p>	<p>SNMP Cards offer IP Address and Web Interface for most convenient monitoring. SNMP modules allows remote monitor and manage multiple UPSs from anywhere with internet access. Integrated web access will leverage internet capability of SNMP card to remotely program or shut down UPSs. Equipped with SNMP card, power conditions of all UPSs can be monitored anytime/anywhere even through the UPS units are ...</p>	
<p><b><u>SNMP Box</u></b> Network Management Item Number: 10131000 EAN: 4260074977424</p>	<p>SNMP Cards offer IP Address and Web Interface for most convenient monitoring. SNMP modules allows remote monitor and manage multiple UPSs from anywhere with internet access. Integrated web access will leverage internet capability of SNMP card to remotely program or shut down UPSs. Equipped with SNMP card, power conditions of all UPSs can be monitored anytime/anywhere even through the UPS units are ...</p>	
<p><b><u>EMD for SNMP Manager</u></b> Environment Module Item Number: 10120544 EAN: 4260074974966</p>	<p>EMD (environmental monitoring device) for SNMP cards are connectivity devices to remote monitor temperature and humidity via SNMP card. It provides dry contacts to communicate with compatible devices such as security system or alarm system. ...</p>	
<p><b><u>AS400 Card</u></b> Dry Contacts Item Number: 10120515 EAN: 4260074974300</p>	<p>AS/400 Cards provide clean dry contacts for remote shutdown and monitoring of a UPS. It is frequently used along with PLCs and signal control panels. Information delivered are UPS failure, Alarm, Main Fail, Bypass, Battery Low, UPS On. Using AS/400 it possible to shutdown UPS remotely. Solution requires external 12V/24VDC source for a high signal. Pin assignment is available in User ...</p>	
<p><b><u>Modbus Card 2</u></b> Modbus Protocol Item Number: 10120565 EAN: 4260074975703</p>	<p>The PowerWalker Modbus Card is a communication accessory that provides a pair of RJ-45 interface for remote monitoring and controlling of UPSs. It converts standard RS232 signal to RS232 signal with specified address, which allows controlling many UPSs from one computer. You can setup a desired address with jumpers (range 0-255). - Modbus Card for: VFI 1000/1500/2000/3000 LCD VFI 1000C/2000C ...</p>	
<p><b><u>MBS/PDU Tower 1-3kVA</u></b> Maintenance Bypass Switch (Power Distribution Unit) for all 1-3KVA Tower Type UPS Item Number: 10120500 EAN: 4260074973082</p>	<p>MBS is a module used as an external Maintenance Bypass Switch to provide continuous power without shutting down the connected loads during UPS scheduled maintenance or battery replacement. It also serves as a PDU (Power Distribution Unit) offering several outputs to be used by various loads. ...</p>	
<p><b><u>MBS/PDU IEC 1-3kVA</u></b> Maintenance Bypass Switch (Power Distribution Unit) for all 1-3KVA Tower Type UPS Item Number: 10133000 EAN: 4260074978025</p>	<p>MBS is a module used as an external Maintenance Bypass Switch to provide continuous power without shutting down the connected loads during UPS scheduled maintenance or battery replacement. It also serves as a PDU (Power Distribution Unit) offering several outputs to be used by various loads. ...</p>	
<p><b><u>ATS</u></b> Automatic Transfer Switch Item Number: 10120543 EAN: 4260074974959</p>	<p>ATS (Automatic Transfer Switch) supports connection of two independent power sources. If primary power source fails, the secondary will automatically back up the connected load without any interruption. ...</p>	

<p><b>Charger EB36-15A</b>  36VDC, max15A  Item Number: 10136001  EAN: 4260074978049</p>	<p>External charger in a stand-alone housing. Works parallel to the UPS. You can connect your battery pack via connector (3x12VDC). Charger has adjustable current. ...</p>	
<p><b>USB Cable</b>  USB Cable  Item Number: 91010011</p>	<p>Additional communication cable ...</p>	
<p><b>RS-232 Cable</b>  RS-232 Cable  Item Number: 91010012</p>	<p>Additional communication cable ...</p>	
<p><b>IEC Cable 10A C13/C14 (180cm) 0.75mm<sup>2</sup></b>  Extension Cable  Item Number: 91010013  EAN: 4260074976274</p>	<p>Additional converter cable ...</p>	
<p><b>EU Input Power Cable C13</b>  EU-Input Cable  Item Number: 91010017  EAN: 4260074976465</p>	<p>Additional converter cable ...</p>	
<p><b>EU Input Power Cable C19</b>  EU-Input Cable  Item Number: 91010018  EAN: 4260074976458</p>	<p>Additional converter cable ...</p>	
<p><b>IEC Cable 16A C19/C20 (180cm)</b>  Extension Cable  Item Number: 91010028  EAN: 4260074976090</p>	<p>Additional converter cable ...</p>	
<p><b>UK Input Power Cable C13 (180cm)</b>  UK-Input Cable  Item Number: 91010029  EAN: 4260074975826</p>	<p>Additional converter cable ...</p>	
<p><b>UK Input Power Cable C19 (180cm)</b>  UK-Input Cable  Item Number: 91010030  EAN: 4260074975833</p>	<p>Additional converter cable ...</p>	
<p><b>EU Plug to UK Plug Converter</b>  Converter  Item Number: 91010031</p>	<p>Additional converter cable ...</p>	
<p><b>IEC Cable 10A C14/C19 (180cm)</b>  Extension Cable  Item Number: 91010040  EAN: 4260074976182</p>	<p>Additional converter cable ...</p>	
<p><b>IEC Cable 10A C13/C20 (180cm)</b>  Extension Cable  Item Number: 91010041  EAN: 4260074975710</p>	<p>Additional IEC converter cable ...</p>	
<p><b>IEC Cable 10A C14/TypeF Converter (20cm)</b>  Converter  Item Number: 91015003  EAN: 7340004644842</p>	<p>Converter cable from IEC C14 to Type F (CEE7/3). 20cm with 3x0.75mm<sup>2</sup> wires ...</p>	
<p><b>Swiss Input Power Cable C13</b>  Swiss-Input Cable  Item Number: 91015011</p>	<p>Additional converter cable ...</p>	

<p><b>Swiss Input Power Cable C19</b> Swiss-Input Cable Item Number: 91015012</p>	<p>Additional converter cable ...</p>	
<p><b>BP A36T-6x9Ah</b> for VFI 1000/1500 LCD (6x9Ah, 36VDC) Item Number: 10120546 EAN: 4260074975192</p>	<p>Battery Pack for VFI 1000/1500 LCD (6x9Ah, 36VDC). Includes 2 strings of 3 batteries, each 12V/9Ah capacity. Battery pack operates on 36VDC nominal voltage. Dimensions are H:220mm x W:145mm x D:397mm. Weight: 18kg. ...</p>	
<p><b>BP A36T-12x9Ah</b> for VFI 1000/1500 LCD (12x9Ah, 36VDC) Item Number: 10120593 EAN: 4260074976717</p>	<p>Battery Pack for VFI 1000/1500 LCD (12x9Ah, 36VDC). Includes 4 strings of 3 batteries, each 12V/9Ah capacity. Battery pack operates on 36VDC nominal voltage. Dimensions are H:318mm x W:190mm x D:421mm. Weight: 36kg. ...</p>	
<p><b>BP A36T-18x9Ah+3A</b> for VFI 1000/1500 LCD (18x9Ah, 36VDC) Item Number: 10120594 EAN: 4260074976724</p>	<p>Battery Pack for VFI 1000/1500 LCD (18x9Ah, 36VDC). Includes 6 strings of 3 batteries, each 12V/9Ah capacity. Battery pack operates on 36VDC nominal voltage. Dimensions are H:318mm x W:190mm x D:535mm. Weight: 60,9kg. Battery pack is additionally equipped with 3A charger. ...</p>	
<p><b>BPH A36T-6</b> for VFI 1000/1500 LCD (for 6bat, 36VDC) Item Number: 10120518 EAN: 4260074974478</p>	<p>Empty Battery Pack fits inside 6pcs. 7Ah / 9Ah ...</p>	
<p><b>BPH A36T-12</b> for VFI 1000/1500 LCD (for 12bat, 36VDC) Item Number: 10120519 EAN: 4260074974485</p>	<p>Empty Battery Pack fits inside 12pcs. 7Ah / 9Ah ...</p>	
<p><b>BPH A36T-18+3A</b> for VFI 1000/1500 LCD (for 18bat, 36V3A) Item Number: 10120520 EAN: 4260074974492</p>	<p>Empty Battery Pack fits inside 18pcs. 7Ah / 9Ah / 3A charger ...</p>	
<p><b>PWB12-7</b> PowerWalker 7Ah Battery Item Number: 91010090 EAN: 4260074978131</p>	<p>PowerWalker PWB12 battery series is designed to work with UPS solutions. It is a high quality valve-regulated lead acid battery with high corrosion resistance and special exhaust structure. The sealing technology with high discharge capacity offers long life, reliability and safety. Batteries are flexible for installation and maintenance and easy to handle.  Design life is 3-5 years. The bat ...</p>	

**PWB12-9**

PowerWalker 9Ah Battery

Item Number: 91010091

EAN: 4260074978148

PowerWalker PWB12 battery series is designed to work with UPS solutions. It is a high quality valve-regulated lead acid battery with high corrosion resistance and special exhaust structure. The sealing technology with high discharge capacity offers long life, reliability and safety. Batteries are flexible for installation and maintenance and easy to handle.

Design life is 3-5 years. The bat ...

