

Product Description

PowerWalker VFI 2000 T/E LCD

- Compact size and high performance for home usage
- Wide input voltage range for all environments and support for AC generator
- Intelligent Slot for SNMP, Modubs, AS400 communication
- USB/RS-232 Card included



Item Number: 10120193



With true double-conversion online UPS design, PowerWalker VFI 1000-3000 T/E 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.

The UPS has USB/RS-232 communication card included in the package. It allows communication via USB port (RS-232 is in-built by default). The card can be replaced with NMC Card for control over SNMP protocol.

Technical specification

General features	
Type	Online
Power capacity	2000VA / 1600W
Output Power Factor	0.80
Input	
Input Voltage Range	Voltage Range in online mode is based on load percentage -Line low transfer 185±5 VAC (load 90-100%) 160±5 VAC (load 70-90%) 150±5 VAC (load 65-70%) 130±5 VAC (load 55-65%) 110±5 VAC (load <55) -Line low comeback 195±5 VAC (load 70-100%) 175±5 VAC (load <70%) -Line high transfer 300±5 VAC -Line high comeback 285±5 VAC Default Bypass Voltage 180-264 VAC Wide Bypass Voltage 80-285 VAC
Max THDi	<10%
Input PF	≥ 0.98 at full load
Frequency Range	40Hz - 70Hz (self-adaptive to 50/60Hz)
Frequency (Synchronized Range)	46Hz - 54Hz or 56Hz - 64Hz
Output	
Nominal Output Voltage	200/208/220/230/240 VAC
Pure Sine Wave	Yes
THDv	≤4% Full Linear Load; ≤7% Non-Linear Load
Voltage Regulation (Bat. Mod.)	±1%
Frequency (Battery Mode)	±0,5Hz
Technical details	
Load Crest Ratio	3:1
CVCF	Yes, but requires de-rating to 50%
Transfer Time [AC to Battery]	0ms
Transfer Time [Inverter to Bypass]	4ms
Generator support	Yes
LCD Indicators	UPS status, Load level, Battery level, Input/Output voltage, AC mode, battery mode, Bypass mode, fault conditions
Efficiency	

Batteries and autonomy time	
Batteries	4x 12V/9Ah
DC Voltage	4 x 12V
Recharge Time	7h to 90%
Full Load Backup Time	4.5min
Half Load Backup Time	10.1min
Connections and communication	
IEC C13 Outlet	6
Input	CEE 7/7
Software	WinPower
RS-232 Port	Yes
Extension Slot	Yes, 1
Environment	
Noise Level	< 50dB
Temperature	0°C – 40°C
Logistics	
IEC 62040-3 classification	VFI-SS-311
Package Content	UPS, Manual, Software CD, USB Cable, IEC Cable, Built-in USB/RS-232 Card
Manual Languages	EN/PL
EAN	4260074976878
Width	190 mm
Height	328 mm
Depth	393 mm
Weight	17.2 kg
Pcs. per box	1
Pcs. per layer	7
Pcs. per pal	28

LINE mode full Load

90.0%

Accessories

Name	Product Description	Picture
<p><u>Mini NMC Card</u> Network Management Item Number: 10120599 EAN: 4260074977011</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><u>EMD for NMC Card</u> Environment Module Item Number: 10120545 EAN: 4260074974973</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><u>Mini AS400 Card 4</u> Dry Contacts for VFI T/E Item Number: 10120597 EAN: 4260074976991</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><u>USB RS-232 Card</u> Communication Card Item Number: 10120591 EAN: 4260074976984</p>	<p>Extension card to provide additional USB or RS-232 connection ...</p>	
<p><u>MBS/PDU Tower 1-3kVA</u> 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><u>MBS/PDU IEC 1-3kVA</u> 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><u>ATS</u> 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><u>USB Cable</u> USB Cable Item Number: 91010011</p>	<p>Additional communication cable ...</p>	
<p><u>RS-232 Cable</u> RS-232 Cable Item Number: 91010012</p>	<p>Additional communication cable ...</p>	

PWB12-7

PowerWalker 7Ah Battery

Item Number: 91010090

EAN: 4260074978131

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 ...



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 ...

