Product Description

PowerWalker VFI 1500 RM LCD

- Hot-swappable batteries, allows battery replacement without power interruption.
- LCD Panel with detailed information
- EPO Function (Emergency Power Off)
- Programmable Output Voltage and Frequency

Item Number: 10120145

EPO Port | Generator support | High Power Factor | 6x IEC Outlets | LCD Display | Monitoring Software | ON LINE | Programmable Outlets | RS-232 Port | USB Port

With true double-conversion online UPS design, PowerWalker VFI 1000-3000 RM 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.

With its slim design it only requires 2U valuable space of your rack system. The UPS can be installed in 19" rack systems or used as tower.

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Technical specification

General features	
Type	Online
Power capacity	1500VA / 1350W
Output Power Factor	0.90
Input	
Input Voltage Range	Voltage Range Low Line Transfer 160/140/120/110VAC ± 5% Voltage Range Low Line Comeback 170/150/130/120VAC ±5% Voltage Range High Line Transfer 300VAC ± 5% Voltage Range High Line Comeback 290VAC ± 5VAC
Max THDi	<5%
Input PF	≥ 0.99 at full load
Frequency Range	45Hz - 55Hz or 56Hz - 65Hz
Frequency (Synchronized Range)	48Hz - 52Hz or 58Hz - 62Hz
Output	
Nominal Output Voltage	208/220/230/240 VAC
Pure Sine Wave	Yes
THDv	≤2% Full Linear Load; ≤4% max. in Batt. Mode before shutdown
Voltage Regulation (Bat. Mod.)	±1%
Frequency (Battery Mode)	±0,2Hz
Technical details	
Load Crest Ratio	3:1
Transfer Time [AC to Battery]	0ms
Transfer Time [Inverter to Bypass]	4ms
Generator support	Yes
Overload Capacity	Line: 2min @105%-130%; 10s @130%-200%; 0.25s @>200%; BAT: 10s @105%-130%; 0.25s @>130%
External Battery Connection	Yes
Charger	1.5A
Fan Logic	Always on, automatic speed control
LCD Indicators	UPS status, Load level, Battery level, Input/Output voltage, AC mode, battery mode, Bypass mode, fault conditions
Efficiency	

DC Voltage	3 x 12V
Recharge Time	4h to 90%
Full Load Backup Time	4min
Half Load Backup Time	11min
Connections and communication	
IEC C13 Outlet	6
Programmable Outlets	Yes
Input	C14
Software	ViewPower
USB port	Yes
RS-232 Port	Yes
Extension Slot	Yes, 1
EPO Port	Yes
RJ-45/RJ-11 protection	Yes
Environment	
Noise Level	< 45dB
Temperature	0°C – 40°C
Humidity	20% - 90% RH (non-condensing)
Logistics	
IEC 62040-3 classification	VFI-SS-111
Package Content	UPS, Manual, Software CD, USB Cable, Input Power Cable, 2x IEC Cable, Tower Holder, Rack Ears
Manual Languages	EN/ES/DE/FR/IT /PT/RU/PL
EAN	4260074975147
Width	438 mm
Height	88 mm
Depth	480 mm
Weight	18.5 kg
Giftbox - Width	500 mm
Giftbox - Height	240 mm
Giftbox - Depth	600 mm
Pcs. per box	1
Pcs. per layer	2
Pcs. per pal	16

LINE mode full Load	90.0%
BATTERY mode full Load	90.0%
Batteries and autonomy time	
Batteries	3x 12V/9Ah

Accessories

Name	Product Description	Picture
SNMP Manager Network Management Item Number: 10120505 EAN: 4260074974034	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 ...	
SNMP Box Network Management Item Number: 10131000 EAN: 4260074977424	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 ...	
EMD for SNMP Manager Environment Module Item Number: 10120544 EAN: 4260074974966	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. ...	
AS400 Card Dry Contacts Item Number: 10120515 EAN: 4260074974300	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 ...	
Modbus Card 2 Modbus Protocol Item Number: 10120565 EAN: 4260074975703	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 ...	
Rack Mount Kit - RK3 for R, RM, CRM up to 700mm Item Number: 10120507 EAN: 4260074974218	Special kit to mount rack UPSs in 19inch cabinet with depth up to 700mm. - Rack Kit for: VFI 1000-3000 RM, VFI 1000-3000 RMG, VFI 1000-10000 R, VFI 1000-3000 CRM, VFI 1000-3000 CRS, VFI 1000 R/1U ...	
MBS/PDU Tower 1-3kVA Maintenance Bypass Switch (Power Distribution Unit) for all 1-3KVA Tower Type UPS Item Number: 10120500 EAN: 4260074973082	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. ...	

MBS/PDU IEC 1-3kVA Maintenance Bypass Switch (Power Distribution Unit) for all 1-3KVA Tower Type UPS Item Number: 10133000 EAN: 4260074978025	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. ...	
MBS/PDU 19in 1-3kVA IEC Maintenance Bypass Switch (Power Distribution Unit) for all 1-3KVA Rack Type UPS Item Number: 10120501 EAN: 4260074974195	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. ...	
ATS Automatic Transfer Switch Item Number: 10120543 EAN: 4260074974959	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. ...	
Charger EB36-15A 36VDC, max15A Item Number: 10136001 EAN: 4260074978049	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. ...	
USB Cable USB Cable Item Number: 91010011	Additional communication cable ...	
RS-232 Cable RS-232 Cable Item Number: 91010012	Additional communication cable ...	
IEC Cable 10A C13/C14 (180cm) 0.75mm² Extension Cable Item Number: 91010013 EAN: 4260074976274	Additional converter cable ...	
EU Input Power Cable C13 EU-Input Cable Item Number: 91010017 EAN: 4260074976465	Additional converter cable ...	
EU Input Power Cable C19 EU-Input Cable Item Number: 91010018 EAN: 4260074976458	Additional converter cable ...	
IEC Cable 16A C19/C20 (180cm) Extension Cable Item Number: 91010028 EAN: 4260074976090	Additional converter cable ...	
UK Input Power Cable C13 (180cm) UK-Input Cable Item Number: 91010029 EAN: 4260074975826	Additional converter cable ...	
UK Input Power Cable C19 (180cm) UK-Input Cable Item Number: 91010030 EAN: 4260074975833	Additional converter cable ...	
EU Plug to UK Plug Converter Converter Item Number: 91010031	Additional converter cable ...	

IEC Cable 10A C14/C19 (180cm) Extension Cable Item Number: 91010040 EAN: 4260074976182	Additional converter cable ...	
IEC Cable 10A C13/C20 (180cm) Extension Cable Item Number: 91010041 EAN: 4260074975710	Additional converter cable ...	
IEC Cable 10A C14/TypeF Converter (20cm) Converter Item Number: 91015003 EAN: 7340004644842	Converter cable from IEC C14 to Type F (CEE7/3). 20cm with 3x0.75mm2 wires ...	
Swiss Input Power Cable C13 Swiss-Input Cable Item Number: 91015011	Additional converter cable ...	
Swiss Input Power Cable C19 Swiss-Input Cable Item Number: 91015012	Additional converter cable ...	
BP A36RM-6x9Ah for VFI 1000/1500 RM (6x9Ah, 36VDC) Item Number: 10120548 EAN: 4260074975314	Battery Pack for VFI 1000/1500 RM (6x9Ah, 36VDC). Includes 2 strings of 3 batteries, each 12V/9Ah capacity. Battery pack operates on 36VDC nominal voltage. Dimensions are H:88mm x W:438mm x D:480mm. Weight: 21,3kg. ...	
BPH A36RM-6 for VFI 1000/1500RM (for 6 bat, 36VDC) Item Number: 10134000 EAN: 4260074977141	Empty Battery Pack fits inside 6pcs. 7Ah/9Ah (36Vdc) ...	
Battery Set for VFI 1500RM LCD (for main unit) VFI 1500RM LCD Item Number: 91010082	Battery Set of 3pcs. 12V/9Ah ...	
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 ...	