PowerWalker VFI 2000RM LCD

Online UPS

2000VA Online UPS

2-in-1 Rack/Tower Design with LCD display

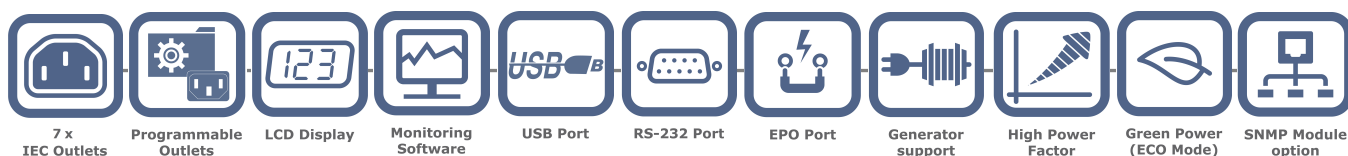7 IEC Outlets, RJ11/RJ45 Surge Protection, EPO function

Hot-swappable battery design

USB & RS-232 Connection for monitoring

Optional: SNMP module, Dry-contact AS/400 card, MBS
RBS, ATS, Rack installation kit, Battery Pack

Item-No. 10120146

7 x IEC Outlets	Programmable Outlets	LCD Display	Monitoring Software	USB Port	RS-232 Port	EPO Port	Generator support	High Power Factor	Green Power (ECO Mode)	SNMP Module option

Product Features

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

• True double-conversion
• Pure sine wave output
• Hot-swappable battery design
• 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
• Programmable power management outlet
• Emergency power off (EPO) function
• Intelligent fan control for reduced noise level
• Smart battery charger to extend battery life
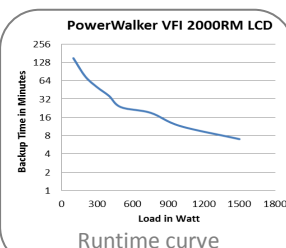• Optional: SNMP module, dry contact AS/400 card, MBS, ATS, Battery Pack Rack installation kit, RBS

Hot-swappable
battery design

Backsite view

PowerWalker VFI 2000RM LCD

Runtime curve

Technical Details

Product Features

Capacity	2000VA / 1600W

Input

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
Frequency Range	45Hz ~ 55Hz or 56Hz ~ 65Hz
Phase	Single phase with ground
Power Factor	+/- 1Hz

Output

	208/220/230/240 VAC
AC Voltage Regulation (Batt. Mode)	± 1 %
Frequency Range (Synchronized Range)	48 ~ 52Hz or 58 ~ 62Hz
Frequency Range (Batt. Mode)	50Hz ± 0.2Hz or 60Hz ± 0.2Hz
Current Crest Ratio	3:1
Harmonic Distortion	≤ 2% THD (Linear Load) 8% max. (Batt. Mode before shut down)
Waveform (Batt. Mode)	Pure Sine Wave

Transfer Time

AC Mode to Batt. Mode	zero
Inverter to Bypass	4ms (Typical)

Efficiency

AC Mode	88 %
Battery Mode	85 %

Battery

Type	12V / 7Ah
Quantity	6x
Recharge Time	4h to 90%

Audio Indicators

Battery Mode	Beep every 4sec
Low Battery	Beep every second
Overload	Beep twice every second
Fault	Continuously sounding

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	1x IEC C19, 6x IEC C13 (programmable)
Protection Port	RJ11/RJ45 (in/out)
Intelligent Slot	Yes
EPO	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	438 x 600 x 88 mm
Colour	Black
Weight	25.7kg
Fan Control	Always on, automatic speed control
Noise Level	< 50dB at 1 meter
Model Code	VFI 2000RM LCD

Environment

Temperature	0°C – 40°C
Humidity	20 - 90% (non-condensing)

Package Content

Package Content	PowerWalker VFI 2000RM LCD, Input power cord, 2x IEC cable, USB cable, Software CD, manual, Tower holder, Rack ears

Optional Accessoires

SNMP Manager	Item-No. 10120505
Rack installation kit	Item-No. 10120507
MBS	Item-No. 10120501
AS/400 card	Item-No. 10120515
ATS, RBS, Battery Pack	For Item-Nr. visit our website

Logistic Data

Giftbox Language	EN
Manual Language	EN/DE/FR/ES/IT/PT/RU
Dimension/Giftbox	710 x 565 x 264 mm
Weight/Giftbox	t.b.c.
Pieces/Carton	1
Pieces/Palette	14
Item Number	10120146
EAN	4260074975154
Warranty	24 Months (except battery)

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

PowerWalker is a brand of:
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