

PowerWalker VFI 10000P/RT LCD

Online UPS



10000VA Online UPS with 0.9 Output Power Factor

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

Parallel System configuration / parallel Redundancy

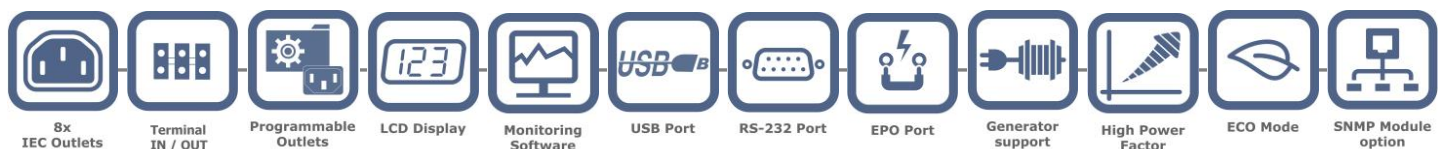
8 IEC C19 outlets, Terminal Outlet, Dry contacts

USB & RS-232 Connection for monitoring

Optional: SNMP module, AS/400 card,
Rack installation kit, Battery Pack



Item-No. 10120131



Product Features

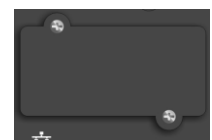
With true double-conversion online UPS design, PowerWalker VFI 10000P/RT provides powerful and overall protection to your sensitive devices. It can accept wide input voltage for harsh environment. It offers full protection for critical devices such as sensitive servers, network/telephone communication systems as well as for industrial applications.

With its slim design it only requires 5U valuable space of your rack system. The UPS can be installed in 19" rack systems or used as tower.

- True double-conversion with pure sine wave output
- Output power factor 0.9
- Parallel System configuration / parallel Redundancy
- Monitoring software included
- Wide input voltage range (120-276 VAC)
- Input power factor correction
- Input THDi <5%, Output THDv <2%
- 50/60 Hz frequency converter mode
- ECO mode operation for energy saving
- Emergency power off (EPO) function
- Intelligent fan control for reduced noise level
- Smart battery charger to extend battery life
- Integrated maintenance bypass switch
- Optional: Rack installation kit, SNMP module, dry contact AS/400 card, Battery Pack



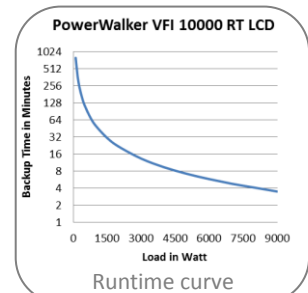
8x IEC C19, Terminal ports, MBS



Intelligent Slot



EPO port, USB, RS-232



Technical Details

Product Features

Capacity	10000VA/9000W
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Input

Voltage Range (based on voltage range)	120-276VAC Depends on Load Level
Frequency Range	45-55Hz/54-66Hz
Power Factor	≥ 0.99 at Full Load

Output

Voltage	208/220/230/240 ± 1%
Frequency (Synchronized Range)	45-55Hz/54-66Hz
Frequency (Battery Mode)	50/60Hz ± 0.2%
Current Crest Ratio	3:1
Harmonic Distortion	≤ 2% (Full Linear Load)
Waveform	Pure Sine Wave

Transfer Time

AC to DC	Zero
Inverter to Bypass	Zero
Inverter to ECO	1ms
ECO to Inverter	<10ms

Battery

Type	12V / 9Ah
Quantity	20x
Backup Time (full load)	>3 Minutes
Recharge Time	3h to 90%

Overload capability

Line Mode or Battery Mode	2min @ 102%-130% 30s @ 130%-150% 100ms @ >150%
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Bypass

Before UPS Power-on	Default "No" Change to "Yes" via display panel
Overload und UPS Failure	Automatically transfer to bypass
By Setting	Voltage Rang: 120-276V ± 3%

LCD Display (direction swappable)

LCD Indicators	UPS status, Load level, Battery level, Input/Output voltage, AC mode, Battery mode, Bypass mode, Fault conditions
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Audio Indicators

4 Modes	See manual for details
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Connections

Communication	USB & RS-232 incl. dry-out contacts
Outlets	8x IEC C19, Terminal outlet
Intelligent Slot	Yes
EPO	Yes
Parallel port	Yes, 2 parallel UPS

Software & System Requirements

Software	Winpower
Operating System	For details visit: http://www.powerwalker.com/winpower.html

Product Details

Dimensions	438 x 704 x 215.5 mm
Colour	Black
Weight	82.5 kg
Fan Control	Always on, automatic speed control
Noise Level	< 45dB at 1 Meter
Model Code	VFI 10000P/RT LCD

Environment

Temperature	0°C – 40°C
Humidity	0 - 95% (non-condensing)

Package Content

Package Content	PowerWalker VFI 10000P/RT LCD, 2x IEC cable, EPO plug, manual, USB cable, Software CD, Tower holder, Rack ears
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Optional Accessories

SNMP/NMC Module	Item-No.: 10120517
Rack installation Kit	Item-No.: 10120531
Battery Pack	Item-No.: 10120539
AS/400 card	Item-No.: 10120528

Logistic Data

Giftbox Language	EN
Manual Language	EN
Dimension/Giftbox	970 x 590 x 370 mm
Weight/Giftbox	87.5 kg
Pieces/Carton	1
Pieces/Palette	5
Item Number	10120131
EAN-Code	4260074974720
Warranty	24 Month (except battery)

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

Version: EN 26/08/2014
We reserve the right for technical changes and mistakes

Optional Accessories



NMC Card (SNMP module)
Datasheet: [Link](#)
Item No.: 10120517



EMD for NMC Card
Environmental Monitoring Device
Monitor Temperature & Humidity
Datasheet: [Link](#)
Item No.: 10120545



CMC Card (Modbus Card)
Datasheet: [Link](#)
Item No.: 10120564



AS/400 Card
Datasheet: [Link](#)
Item No.: 10120528



MBS 6/10kVA (Maintenance Bypass Switch)
Datasheet:
Item No.: 10120584



19" Rack-Mount-Kit
Datasheet: [Link](#)
Item No.: 10120531



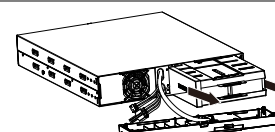
Remote Panel
For 6/10kVA P/RT and T
Datasheet: [Link](#)
Item No.: 10120570



Battery Pack with inside 1x Battery Sets
(Each battery set contain 20x 12V/9Ah batteries)
Datasheet: [Link](#)
Item No.: 10120539



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



Battery Set with 10x 12V/9Ah batteries
(Plug-and-Play solution incl. case and cabling to change internal bat. Set of VFI 10000 P/RT LCD)
Datasheet: [Link](#)



IEC C13 -> IEC C20
Item Nr.: 91010041



IEC C14 -> IEC C19
Item Nr.: 91010040



IEC C13 -> IEC C14
Item Nr.: 91010013



IEC C19 -> IEC C20
Item Nr.: 91010028



RS-232 cable
Item Nr.: 91010012



USB cable
Item Nr.: 91010011