

PowerWalker VFI 6000P/RT LCD

Online UPS



6000VA Online UPS with 0.9 Output Power Factor

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

Parallel System configuration / parallel Redundancy

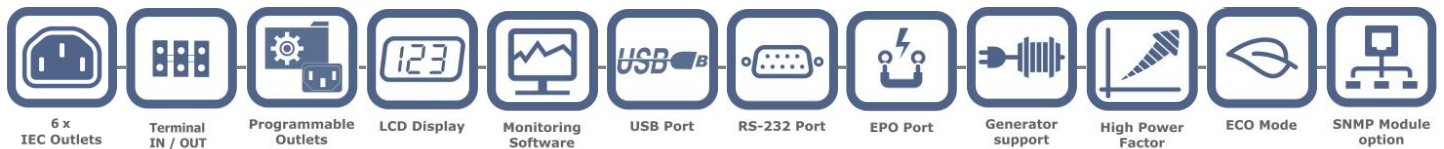
6 IEC outlets, Terminal Outlet, Dry contacts (in/out) , EPO

USB & RS-232 Connection for monitoring

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



Item-No. 10120130

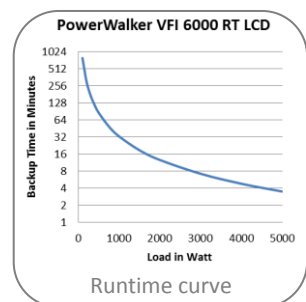


Product Features

With true double-conversion online UPS design, PowerWalker VFI 6000P/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 3U 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



Technical Details

Product Features

Capacity	6000VA/5400W
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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 / 5Ah
Quantity	15x
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	Default "No"
Power-on	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	2x IEC C19, 4x IEC C13, 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 698 x 129 mm
Colour	Black
Weight	46 kg
Fan Control	Always on, automatic speed control
Noise Level	< 45dB at 1 Meter
Model Code	VFI 6000P/RT LCD

Environment

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

Package Content

Package Content	PowerWalker VFI 6000P/RT LCD, 2x IEC cable, EPO plug, manual, USB cable, Software CD, Tower holder, Rack ears
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Logistic Data

Giftbox Language	EN
Manual Language	EN
Dimension/Giftbox	955 x 578 x 305 mm
Weight/Giftbox	50 kg
Pieces/Carton	1
Pieces/Palette	7
Item Number	10120130
EAN-Code	4260074974713
Warranty	24 Month (except battery)

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

We reserve the right for technical changes and mistakes

Available 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



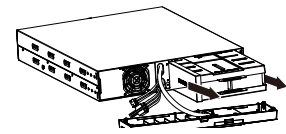
Remote Panel
 For 6/10kVA P/RT and T
 Datasheet: [Link](#)
 Item No.: 10120570



Battery Pack with inside 1x Battery Sets
 (Each battery set contain 15x 12V/9Ah batteries)
 Datasheet: [Link](#)
 Item No.: 10120538



CSB 12V/5Ah battery
 Datasheet: [Link](#)
 Yuasa or Panasonic brand can also be used



Battery Set with 15x 12V/5Ah batteries
 (Plug-and-Play solution incl. case and cabling to change internal bat. Set of VFI 6000PRTLCD)
 Datasheet: [Link](#)
 Item No.: to be checked



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