

PowerWalker VFI 6000R LCD

Online UPS

6000VA Online UPS

IEC & Terminal Outlet, EPO function

USB & RS-232 Connection for monitoring

LCD display for status view and UPS settings

Optional: SNMP module, Dry-contact AS/400 card, MBS



Item-No. 10120128



Product Features

With true double-conversion online UPS design, PowerWalker VFI 6000R 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.

Due to its high performance 2A charger and integrated 20 batteries this model requires more space (3U for UPS and 3U for battery pack) in the server cabinet but with this design it can provide long backup with short recharging time. The UPS can be installed in 19" rack systems.

- True double-conversion
- Pure sine wave output
- 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

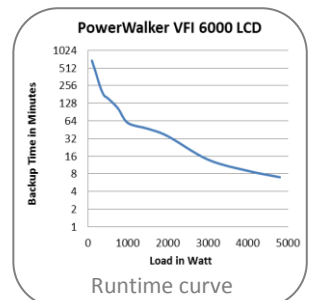
Rack installation kit, RBS



Battery Pack included



Backside view



Technical Details

Product Features

Capacity	6000VA / 4800W
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Input

Voltage Range	176 VAC \pm 3% @ 100% load
Low Line Transfer	110 VAC \pm 3% @ 50% load

Voltage Range	186 VAC \pm 3% @ 100% load
Low Line Comeback	120 VAC \pm 3% @ 50% load

Voltage Range	300VAC \pm 3%
High Line Transfer	

Voltage Range	290VAC \pm 3VAC
High Line Comeback	

Frequency Range	46 ~ 54Hz or 56 ~ 64Hz
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Phase	Single phase with ground
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Power Factor	\geq 0.99 @ 100% load
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Output

	208/220/230/240 VAC
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AC Voltage Regulation (Batt. Mode)	\pm 1 %
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Frequency Range (Synchronized Range)	46 ~ 54Hz or 56 ~ 64Hz
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Frequency Range (Batt. Mode)	50Hz \pm 0.1Hz or 60Hz \pm 0.1Hz
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Current Crest Ratio	3:1
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Harmonic Distortion	\leq 3% THD (Linear Load) \leq 6% THD (Non-linear Load)
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Waveform (Batt. Mode)	Pure Sine Wave
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Transfer Time

AC Mode to Batt. Mode	zero
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Inverter to Bypass	zero
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Efficiency

AC Mode	89 %
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Battery Mode	88 %
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Overload capability

AC Mode	10min @100%-110% 1min @110%-130% 1s @>130%
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Battery Mode	30s @100%-110% 10s @110%-130% 1s @>130%
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Battery

Type	12V / 7Ah
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Quantity	20x
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Recharge Time	3h to 90%
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Audio Indicators

Battery Mode	Beep every 4sec
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Low Battery	Beep every second
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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
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Connections

Communication	USB & RS-232 port
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Outlets	IEC and terminal
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Connector for external battery pack (Anderson)	Yes
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Intelligent Slot	Yes
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EPO	Yes
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Software & System Requirements

Software	ViewPower
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Operating System	For details visit: www.powerwalker.com/viewpower.html
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Other	1x USB port or 1x RS-232 port
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Product Details

Dimensions UPS	438 x 580 x 133 mm
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-Battery Pack	438 x 580 x 133 mm
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Colour	Black
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Weight UPS	17.0kg
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-Battery Pack	57.0kg
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Fan Control	Always on, automatic speed control
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Noise Level	< 55dBA at 1 meter
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Model Code	VFI 6000R LCD
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Environment

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

Package Content	PowerWalker VFI 6000R LCD, IEC cable, USB cable, Software CD, manual, rack ears;
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Logistic Data

Giftbox Language	EN
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Manual Language	EN/ES
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Dimension/Giftbox	870 x 580 x 250 mm (2 boxes)
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Weight/Giftbox	18.0kg for UPS + 58kg for Bat.Pack
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Pieces/Palette	4
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Item Number	10120128
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EAN	4260074974294
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Warranty	24 Months (except battery)
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Available accessories



SNMP manager
 Datasheet: [Link](#)
 Item No.: 10120505EMD
 for SNMP Manager



Environmental Monitoring Device
 Monitor Temperature & Humidity
 Datasheet: [Link](#)
 Item No.: 10120544



Modbus Card
 Datasheet: [Link](#)
 Item No.: 10120565



AS/400 Card
 Datasheet: [Link](#)
 Item No.: 10120515



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



Yuasa 12V/7Ah battery
 Datasheet: [Link](#)
 CSB or Panasonic brand
 can also be used



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



USB cable
 Item Nr.: 91010011

RS-232 cable
 Item Nr.: 91010012



19" Rack-Mount-Kit
 Datasheet: [Link](#)
 Item No.: 10120507



IEC C14 -> Schuko
 Converter
 Item Nr.: 91015003



Battery Pack with inside 1x Battery Sets
 (Each battery set contain 20x 12V/7Ah batteries)
 Datasheet: [Link](#)
 Item No.: 10120530



Battery Pack with inside 1x Battery Sets
 (Each battery set contain 20x 12V/9Ah batteries)
 Datasheet: [Link](#)
 Item No.: 10120532



IEC C13 -> IEC C14
 Item Nr.: 91010013

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