

PowerWalker VFI 6000T LCD

Online UPS



6000VA Online UPS with 0.9 Output Power Factor

Parallel System configuration / parallel Redundancy

Terminal Outlet, Dry contacts (in/out) , EPO

USB Connection for monitoring

LCD display for status view and UPS settings

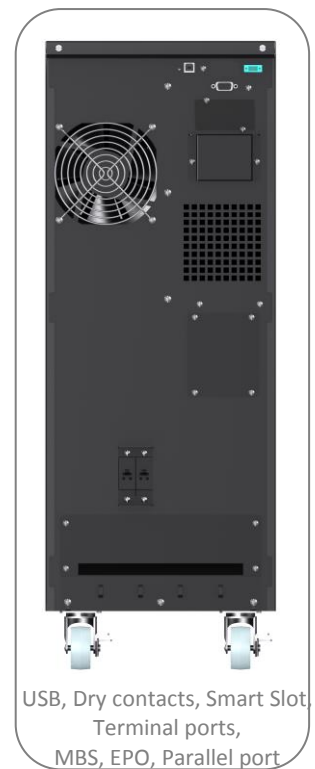
Optional: SNMP module, Modbus card, AS/400 card, Remote panel



Product Features

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

- 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 (110-276 VAC)
- Input power factor correction
- Input THDi <5%, Output THDv <2% @ linear load and <5% @ non-linear load
- 50/60 Hz frequency converter mode
- ECO mode operation for energy saving
- Emergency power off (EPO) function
- Intelligent fan control for reduced noise level
- N+X Parallel Redundancy for up to 4 UPS of same size
- Smart battery charger to extend battery life
- Integrated maintenance bypass switch
- Optional: SNMP module, Modbus card, Remote panel, AS/400 card



USB, Dry contacts, Smart Slot, Terminal ports, MBS, EPO, Parallel port



Runtime curve

Technical Details

Product Features

Capacity	6000VA/5400W
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Input

Voltage Range (based on voltage range)	110-276VAC
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 ± 0.05
Current Crest Ratio	3:1
Harmonic Distortion	≤ 2% (Full Linear Load) ≤ 5% (Full Non 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 / 7.2Ah
Quantity	20x
Backup Time (full load)	>5 Minutes (with connected 5400W)
Recharge Time	5h to 90%

Overload capability

AC Mode	10min @105%-125%
	1min @125%-150%
	10s @150%-170%
	100ms @>170%
Battery Mode	2min @105%-125%
	30s @125%-150%
	100ms @>150%

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: 176-276V ± 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, Dry Contacts
Outlets	Terminal outlet
Intelligent Slot	Yes
Parallel Port	Yes, up to 4 UPS
EPO	Yes

Software & System Requirements

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

Product Details

Dimensions	550 x 260 x 708 mm
Colour	Black
Weight	80 kg
Fan Control	Always on, automatic speed control
Noise Level	< 50dB at 1 Meter
Model Code	VFI 6000T LCD

Environment

Temperature	0°C – 45°C
Humidity	0 - 95% (non-condensing)

Package Content

Package Content	PowerWalker VFI 6000T LCD, EPO plug, USB cable, Software CD, manual
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Logistic Data

Giftbox Language	EN
Manual Language	EN
Dimension/Pallet	720 x 428 x 970 mm
Weight/Pallet	89 kg
Pieces/Pallet	1
Item Number	10120153
EAN-Code	4260074975239
Warranty	24 Month (except battery)

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

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



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



Battery Pack with
 2x Battery Sets inside
 (Each battery set contain
 20x 12V/7Ah batteries)
 Datasheet: [Link](#)
 Item No.:



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



12A Charger
 For: VFI 10000 TCP 3/1
 VFI 10000 T LCD
 VFI 6000 T LCD



8A Charger
 For: VFI 10000 TCP 3/1
 VFI 10000 T LCD
 VFI 6000 T LCD



USB cable
 Item Nr.: 91010011

Version: EN 19/09/2014
 We reserve the right for technical changes and mistakes