

PowerWalker VFI 10000R LCD

Online UPS

10000VA 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. 10120129



Product Features

With true double-conversion online UPS design, PowerWalker VFI 10000R 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

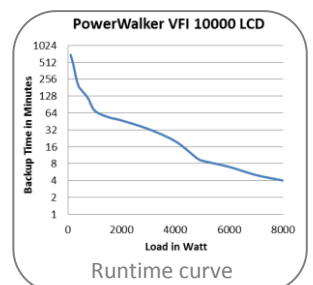
Rack installation kit, RBS



Battery Pack included



Backside view



Technical Details

Product Features

Capacity	10000VA / 8000W
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
Phase	Single phase with ground
Power Factor	\geq 0.99 @ 100% load
Output	
	208/220/230/240 VAC
AC Voltage Regulation (Batt. Mode)	\pm 1 %
Frequency Range (Synchronized Range)	46 ~ 54Hz or 56 ~ 64Hz
Frequency Range (Batt. Mode)	50Hz \pm 0.1Hz or 60Hz \pm 0.1Hz
Current Crest Ratio	3:1
Harmonic Distortion	\leq 3% THD (Linear Load) \leq 6% THD (Non-linear Load)
Waveform (Batt. Mode)	Pure Sine Wave
Transfer Time	
AC Mode to Batt. Mode	zero
Inverter to Bypass	zero
Efficiency	
AC Mode	89 %
Battery Mode	88 %
Overload capability	
AC Mode	10min @100%-110% 1min @110%-130% 1s @>130%
Battery Mode	30s @100%-110% 10s @110%-130% 1s @>130%
Battery	
Type	12V / 9Ah
Quantity	20x
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
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Connections

Communication	USB & RS-232 port
Outlets	IEC and terminal
Connector for external battery pack (Anderson)	Yes
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 UPS	438 x 668 x 133 mm
-Battery Pack	438 x 580 x 133 mm
Colour	Black
Weight UPS	20.0kg
-Battery Pack	63.0kg
Fan Control	Always on, automatic speed control
Noise Level	< 58dBA at 1 meter
Model Code	VFI 10000R LCD

Environment

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

Package Content

Package Content	PowerWalker VFI 10000R LCD, IEC cable, USB cable, Software CD, manual, rack ears;
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Logistic Data

Giftbox Language	EN
Manual Language	EN/ES
Dimension/Giftbox	870 x 580 x 250 mm (2 boxes)
Weight/Giftbox	21.0kg for UPS + 74kg for Bat.Pack
Pieces/Palette	4
Item Number	10120129
EAN	4260074974430
Warranty	24 Months (except battery)

Available accessories



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



ManagerEnvironmental
 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



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



IEC C14 -> Schuko
 Converter
 Item Nr.: 91015003

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