

PowerWalker VFI 30000CP 3/3

Online UPS

30000VA/27000Watt Online UPS with high PF 0.9

3 phase in / 3 phase out

Terminal Outlet , EPO, Intelligent Slot

USB & RS-232 Connection for monitoring

Optional: SNMP module, AS/400 card, Modbus card,
Battery Pack, Parallel Kit



Item-No. 10120167



Product Features

With its true double-conversion online UPS design, PowerWalker VFI 30000CP 3/3 provides powerful and overall protection to your sensitive devices. With its 3 phase in and 3 phase out it can balance the power consumption from all incoming lines and creates a stable power output for equipment with even high power consumption. Multiple communication ports allows to integrate the UPS in existing structures. Extended back-up time by optional additional battery packs.

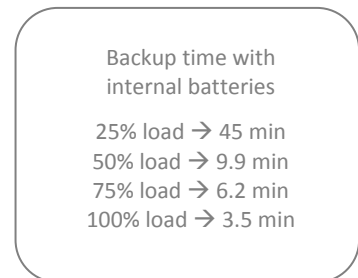
- True double-conversion with pure sine wave output
- High output power factor 0.9
- Monitoring software included
- Wide input voltage range (190-520VAC 3Φ at 50% load)
- Input power factor correction
- Output THD ≤ 5% (non-linear load), Output THD ≤ 2% (linear load)
- 50/60 Hz frequency converter mode
- ECO mode operation for energy saving
- Emergency power off (EPO) function
- Integrated maintenance bypass switch
- Optional: Isolation Transformer offers full isolation and complete common mode noise rejection (installation during production only)
- Optional: N+X Parallel Redundancy Kit for up to 3 UPS of same size
- Optional: SNMP module, Dry Contact AS/400 card, Modbus card, External Battery Pack;



Rear panel



LCD Display



Backup time with internal batteries

25% load → 45 min
50% load → 9.9 min
75% load → 6.2 min
100% load → 3.5 min

Technical Details

Product Features

Capacity	30000VA/27000W
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Input

Voltage	3x 400 VAC (3Ph+N)
Voltage Range	305-478 VAC (3-phase) @100% load 190-520 VAC (3-phase) @50% load
Frequency Range	46~54Hz or 56~64Hz
Power Factor	≥ 0.99 @ 100% Load
Generator Set	1.8 x UPS Rating Power

Output

Voltage	3x 400V (3Ph+N) 208/220/230/240VAC(Ph-N)
Frequency (Synchronized range)	46~54Hz or 56~64Hz
Frequency (Battery Mode)	50/60Hz ± 0.1Hz
Current Crest Ratio	3:1 (max)
Harmonic Distortion	≤ 2% (Full Linear Load) ≤ 5% (Non-Linear Load)
Waveform	Pure Sine Wave

Overload

AC mode	100%~110%: 10min
	110%~130%: 1min
	>130% : 1sec
Battery mode	100%~110%: 30sec
	110%~130%: 10sec
	>130% : 1sec

Transfer Time

Line <-> Battery	Zero
Inverter <-> Bypass	Zero (when phase lock fails, <4ms)
Inverter <-> ECO	<10ms

Battery

Type	12V / 9Ah
Quantity	60x, 3 strings of 20 (18-20 adjustable)
Recharge Time	9h to 90%

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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Audio Indicators

4 Modes	See manual for details
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Connections

Communication	USB & RS232
Outlets	Terminal outlet
Intelligent Slot	Yes
EPO	Yes
Parallel Port	Yes, up to 3 UPS (optional)
Maintenance Switch	Yes
Input Circuit Breaker	Yes

Software & System Requirements

Software	ViewPower
Operating System	For details visit: http://www.powerwalker.com/viewpower.html

Product Details

Dimensions	815 x 300 x 1000 mm
Colour	Black
Weight	233.5 kg
Fan Control	Always on, automatic speed control
Noise Level	< 65dB at 1 Meter
Model Code	VFI 30000CP 3/3

Environment

Temperature	0°C – 40°C
Humidity	0 - 95% (non-condensing)
Altitude	<1000m without derating

Package Content

Package Content	PowerWalker VFI 30000CP 3/3, Manual, USB cable, Software CD ;
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Logistic Data

Giftbox Language	EN
Manual Language	EN/ES/IT
Dimension/Pallet	920 x 430 x 1205 mm
Weight/Pallet	250.5
Pieces/Carton	1
Pieces/Pallet	1
Item Number	10120167
EAN-Code	4260074975925
Warranty	24 Month (except battery)

Available accessories



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



EMD 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



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



Battery Pack
with 4x Battery Sets inside
and 4A charger
(Each battery set contain
20x 12V/9Ah batteries)
Datasheet: [Link](#)
Item No.:

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