

PowerWalker VFI 15000CP 3/3

Online UPS

15000VA/13500Watt 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. 10120165



Product Features

With its true double-conversion online UPS design, PowerWalker VFI 15000CP 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
- Accepts dual-mains input
- 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 | → 42 min |
| 50% load | → 24.7 min |
| 75% load | → 9.3 min |
| 100% load | → 6.1 min |

Technical Details

Product Features

| | |
|-----------------|----------------|
| Capacity | 15000VA/13500W |
|-----------------|----------------|

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 | 40x, 2 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 |
|-----------------------|--|

Audio Indicators

| | |
|----------------|------------------------|
| 4 Modes | See manual for details |
|----------------|------------------------|

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, for mains and bypass with dual input |

Software & System Requirements

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

Product Details

| | |
|--------------------|------------------------------------|
| Dimensions | 815 x 250 x 826 mm |
| Colour | Black |
| Weight | 164 kg |
| Fan Control | Always on, automatic speed control |
| Noise Level | < 65dB at 1 Meter |
| Model Code | VFI 15000CP 3/3 |

Environment

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

Package Content

| | |
|------------------------|--|
| Package Content | PowerWalker VFI 15000CP 3/3, Manual, USB cable, Software CD ; |
|------------------------|--|

Logistic Data

| | |
|-------------------------|---------------------------|
| Giftbox Language | EN |
| Manual Language | EN/ES/IT |
| Dimension/Pallet | 920 x 380 x 1025 mm |
| Weight/Pallet | 182 |
| Pieces/Carton | 1 |
| Pieces/Pallet | 1 |
| Item Number | 10120165 |
| EAN-Code | 4260074975901 |
| 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 inside 2x Battery Sets
(Each battery set contain
20x 12V/9Ah batteries)
Datasheet: [Link](#)
Item No.:



Battery Pack
with 3x Battery Sets inside
and 4A charger
(Each battery set contain
20x 12V/9Ah batteries)
Datasheet: [Link](#)
Item No.:



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.

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We reserve the right for technical changes and mistakes