

# PowerWalker VFI 6000-10000 RTG(S) Series

**2017 PREMIERE**

- True Double Conversion Technology with high output Power Factor 1.0
- Human Interface Device (HID) compatible USB connection (no additional drivers needed)
- Highly efficient (>95%), Energy saving solution with long autonomy time in great price
- 3-level inverter topology for increased efficiency and high power density

The PowerWalker VFI 6000-10000 RTG series offers a professional solution for IT and office environment. They are available with different designs:



- RTG: Marketing name of the series and also standard rack UPS with BP as a set
- RTGE: Only the electronics part (the the engine of the UPS), without battery pack.
- RTGS: Long-run version with strong charger for big external batteries (no battery pack in the package)

The VFI RTG series is detected as Human Interface Device (HID) Power Device by the internal O/S drivers and can be managed without additional software. It finds its application in all dedicated systems for kiosks, ATMs as well as in high security level systems, where additional software is not allowed (i.e. banking).

**ACCESSORIES**

| SERIES                               | VFI 6000-10000 RTG & RTGS  |
|--------------------------------------|--|
| <b>INPUT</b>                         |  |
| Voltage                              | 160-276 VAC at 100% load<br>110-160VAC range linear between 50-100% load |
| Input PF                             | ≥ 0.995 at full load   |
| Frequency Range                      | 45Hz - 55Hz / 55Hz - 65Hz<br>40Hz - 70Hz at load ≤60%                    |
| <b>OUTPUT</b>                        |  |
| Voltage                              | 208/220/230/240 VAC  |
| Pure Sine Wave                       | Yes  |
| THDv                                 | ≤1% Full Linear Load; ≤5% Non-Linear Load                                |
| Voltage Regulation (Bat. Mod.)       | ±1%  |
| Frequency (Battery Mode)             | ±0,1Hz   |
| <b>TECHNICAL DETAILS</b>             |  |
| Load Crest Ratio                     | 3:1  |
| Transfer Time [AC to Battery]        | 0ms  |
| Transfer Time [Inverter to Bypass]   | 0ms  |
| Generator support                    | Yes  |
| Overload Capacity                    | 10min @ 105%-125%; 30s @ 125%-150%; 500ms @ >150%                        |
| External Battery Connection          | Yes  |
| <b>COMMUNICATION AND CONNECTIONS</b> |  |
| Software                             | WinPower   |
| USB                                  | Yes, with HID support  |
| RS-232                               | Yes  |
| Intelligent Slot                     | Yes  |
| EPO                                  | Yes  |



10120599 - Mini NMC Card



10120545 - EMD for NMC Card



10120592 - Mini Modbus Card 3



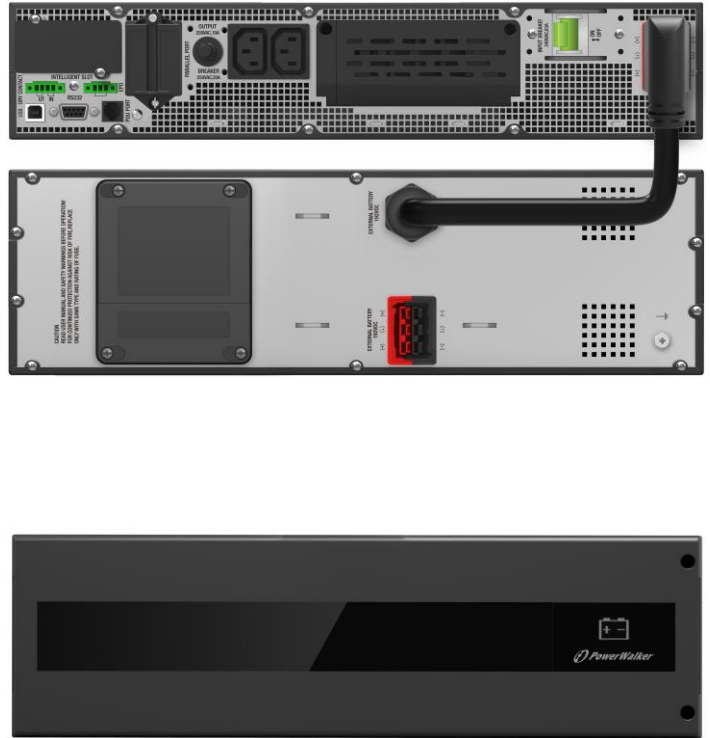
10120597 - Mini AS400 Card 4



Vertical setup



Back view



| MODEL                 | VFI 6000 RTG        | VFI 10000 RTG     | VFI 6000 RTGS   | VFI 10000 RTGS |
|-----------------------|---------------------|-------------------|-----------------|----------------|
| Item Number           | 10122132            | 10122133          | 10122130        | 10122131       |
| EAN                   | 4260074980318       | 4260074980325     | 4260074980172   | 4260074980189  |
| Power (kVA)           | 6000VA              | 10000VA           | 6000VA          | 10000VA        |
| Power (kW)            | 6000W               | 10000W            | 6000W           | 10000W         |
| <b>BATTERIES</b>      |                     |                   |                 |                |
| Batteries             | 16x 12V/7Ah         | 16x 12V/9Ah       | None            |                |
| Battery Connector     |                     |                   | Yes             |                |
| DC Voltage            | 192VDC              |                   | 240VDC          |                |
| Charger               | 0-4A [Default 1.4A] | 0-4A [Default 2A] | 0-12A [4A]      |                |
| Charging Time         | 3h to 90%           |                   | Battery related |                |
| Full Load Backup Time | 4min                |                   |                 |                |

BATTERY PACKS AND BACKUP TABLE

| MODEL                 | FULL LOAD | HALF LOAD | 1000W | 2000W | 3000W | 4000W | 5000W | 6000W | 7000W | 8000W | 9000W | 10000W |
|-----------------------|-----------|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| <b>VFI 6000 RTGB</b>  |           |           |       |       |       |       |       |       |       |       |       |        |
| VFI 6000 TGB          | 4.0       | 10.7      | 49.8  | 19.1  | 10.7  | 7.1   | 5.2   | 4.0   |       |       |       |        |
| + 1 x BP S192R-16x7Ah | 9.5       | 25.0      | 113.9 | 44.0  | 25.0  | 16.8  | 12.3  | 9.5   |       |       |       |        |
| + 2 x BP S192R-16x7Ah | 19.3      | 47.6      | 222.5 | 83.2  | 47.6  | 32.0  | 23.5  | 18.3  |       |       |       |        |
| <b>VFI 10000 RTGB</b> |           |           |       |       |       |       |       |       |       |       |       |        |
| VFI 10000 TGB         | 2.8       | 7.1       | 64.1  | 23.8  | 14.3  | 9.7   | 7.1   | 5.5   | 4.5   | 3.7   | 3.2   | 2.8    |
| + 1 x BP S192R-16x9Ah | 7.1       | 18.3      | 172.7 | 64.1  | 36.9  | 24.9  | 18.3  | 14.3  | 11.6  | 9.7   | 8.2   | 7.1    |
| + 2 x BP S192R-16x9Ah | 12.4      | 31.9      | 308.5 | 114.5 | 64.1  | 43.3  | 31.9  | 24.9  | 20.2  | 16.8  | 14.3  | 12.4   |

