

## VFI 1000-3000 ICT/ICR IoT

- IOT Solution with Cloud Integration and WinPower App
- Communication via LAN cable or WLAN Modem
- Output Power Factor 1.0
- Hot-swappable and easy to connect battery packs
- Multifunction LCD display with auto dimming screen
- Wide input voltage range for all environments

PowerWalker VFI 1000-3000 ICT/ICR IoT series is the next generation of UPS, offering an intuitive App for remote monitoring via cloud. The UPS is quickly setup and easy to maintain, and it provides the ability to review the workflow and troubleshoot instantly – regardless of time and place. This cloud-based monitoring increases the availability and quality of traditional monitoring, while at the same time allowing room for cost reduction, scalability, and trend analysis.

This UPS series utilizes double conversion technology and features unity power factor, ensuring the availability of your mission-critical equipment and providing clean output power to your sensitive loads. Multiple optional accessories such as external battery packs, communication cards and a WLAN adapter enhance the functionality of the UPS.

Stay up to date everywhere and anytime.

### TECHNICAL SPECIFICATION

| MODEL                         | VFI 1000 ICT/ICR                                                        | VFI 1500 ICT/ICR | VFI 2000 ICT/ICR | VFI 3000 ICT/ICR                             |
|-------------------------------|-------------------------------------------------------------------------|------------------|------------------|----------------------------------------------|
| Power (kVA)                   | 1000VA                                                                  | 1500VA           | 2000VA           | 3000VA                                       |
| Power (kW)                    | 1000W                                                                   | 1500W            | 2000W            | 3000W                                        |
| INPUT                         |                                                                         |                  |                  |                                              |
| Voltage Range                 | 160-300V 100% load, 110-160V derating to 50% load linearly              |                  |                  |                                              |
| Frequency                     | 50/60Hz (Auto sensing)                                                  |                  |                  |                                              |
| Frequency Range               | 40Hz-70Hz (45Hz-55Hz, 54Hz-66Hz @ load>60%)                             |                  |                  |                                              |
| THDi                          | <5%                                                                     |                  |                  |                                              |
| OUTPUT                        |                                                                         |                  |                  |                                              |
| Voltage                       | 200/208/220/230/240 VAC<br>(derating 10% at 208V, derating 20% at 200V) |                  |                  |                                              |
| Voltage Regulation (bat.mode) | ±1%                                                                     |                  |                  |                                              |
| Frequency (bat.mode)          | 50Hz/60Hz                                                               |                  |                  |                                              |
| THDv                          | < 3 % THD (linear load); < 5 % THD (non-linear load)                    |                  |                  |                                              |
| TECHNICAL DETAILS             |                                                                         |                  |                  |                                              |
| Load Crest Ratio              | 3:1                                                                     |                  |                  |                                              |
| Overload Capacity             | 100%<load≤105% continuous.                                              |                  |                  |                                              |
|                               | 105%< load ≤125% for 5 minutes.                                         |                  |                  |                                              |
|                               | 125<load≤150% for 30 seconds.<br>>150% for 500ms.                       |                  |                  |                                              |
| Switching Time                | 0ms                                                                     |                  |                  |                                              |
| BATTERY                       |                                                                         |                  |                  |                                              |
| Batteries                     | 3x 12V/7Ah                                                              | 3x 12V/9Ah       | 6x 12V/7Ah       | 6x 12V/9Ah                                   |
| Charging Time                 | 3h to 90%                                                               |                  |                  |                                              |
| External Battery Connection   | Yes                                                                     |                  |                  |                                              |
| COMMUNICATION AND CONNECTIONS |                                                                         |                  |                  |                                              |
| Outlets (ICT)                 | 4x IEC C13                                                              |                  | 8x IEC C13       | 8x IEC C13 +<br>1x IEC C19                   |
| Outlets (ICR)                 | 8x IEC C13 (programmable)                                               |                  |                  | 8x IEC C13 +<br>1x IEC C19<br>(programmable) |



### WLAN Adapter



### BATTERY PACK



## Back View



1K/1KS/1.5K/1.5KS IEC



2K/2KS IEC



3K IEC



3KS IEC



## Why IoT/Cloud?



Fast and Easy Setup

Reliability and Availability

Scalability and Flexibility

Cost Saving

Time and Location Independence



Industry Lead Cybersecurity Standard

GDPR Compliance

Microsoft Azure Cloud

Secured Data Transition

IEC 62443 certification for industry IT cybersecurity

## WinPower App &amp; Microsoft Cloud

The WinPower View App can be easily downloaded via Google Play Store or Apple App Store. Simply open the App, register an account, log in & you are ready to go!



WinPower View

