

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.

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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 (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. >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	
Outlets (ICR)	8x IEC C13 (programmable)		8x IEC C13 + 1x IEC C19 8x IEC C13 + 1x IEC C19 (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 & 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!

