

# PowerWalker VFI 1000-3000 CG PF1 Series

**2017 PREMIERE**

- Online technology with Power Factor 1.0
- Strong charger with adjustable current
- Wide input voltage range for all environments and support for AC generator
- Support for laser printers and ultrasound systems (allows connecting loads with half-wave imbalance)
- New LCD design - with estimated backup time and icon diagram



The PowerWalker VFI 1000-3000 CG PF1 is a professional series for commercial applications featuring unity Power Factor (PF=1.0). The wide input voltage and frequency ranges allow operation in unstable networks and provide generator support. 1-3kVA are equipped with a very strong charger with adjustable.

Multiple accessories, including battery packs and communication cards, enhance the functionality of the UPS and allow a greater backup time. The system can be monitored locally via an LCD panel or remotely via the PowerWalker ViewPower software.

## TECHNICAL SPECIFICATION

SERIES	VFI 1000-3000 CG PF1	
<b>INPUT</b>		
Voltage	160-300 VAC or 110-300 VAC under low load	
Max THDi	<5%	
Max THDu	<1.6% @ full linear load	
Input PF	≥ 0.99 at full load	
Frequency Range	40Hz - 70Hz	
Frequency (Synchronized Range)	45Hz - 55Hz or 54Hz - 66Hz	
<b>OUTPUT</b>		
Voltage	200/208/220/230/240 VAC	
Pure Sine Wave	Yes	
THDv	≤2% Full Linear Load; ≤4% Non-Linear Load	
Voltage Regulation (Bat. Mod.)	±1%	
Frequency (Synchronized Range)	47Hz - 53Hz or 57Hz - 63Hz	
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]	4ms	
Generator support	Yes	
Surge protection	Up to 7kV	
Overload Capacity	Line Mode: Warning @100%-110%; Bypass @>110%;	Battery Mode: Warning @100%-110%; 30s @110%-130%; Shutdown @>130%
External Battery Connection	Yes	
Fan Logic	Always ON, automatic speed control	
<b>COMMUNICATION AND CONNECTIONS</b>		
Software	ViewPower or ViewPowerMini	
USB	Yes	
RS-232	Yes	
Intelligent Slot	Yes	
EPO	Yes	





MODEL	VFI 1000 CG	VFI 1500 CG	VFI 2000 CG	VFI 3000 CG
Item Number	10122108	10122109	10122110	10122111
EAN	4260074979916	4260074979923	4260074979930	4260074979947
Power (kVA)	1000VA	1500VA	2000VA	3000VA
Power (kW)	1000W	1500W	2000W	3000W
Batteries	3x 12V/7Ah	3x 12V/9Ah	6x 12V/7Ah	6x 12V/9Ah
Battery Connector	Yes			
DC Voltage	36VDC		72VDC	
Charger Current	1A / 2A / 4A / 6A / 8A / 10A / 12A		1A / 2A / 4A / 6A / 8A	
Default Charger Current	2A			
Charging Time	3h to 90%			
Half Load Backup Time	12.9 min	10.3 min	12.8 min	10.1 min
Full Load Backup Time	4.5 min	3 min	4.4 min	3 min
IEC C13	4		8	
IEC C19	0		1	
Width	145mm		190mm	
Height	221mm		318mm	
Depth	397mm		421mm	
Weight	13kg	14.6kg	23.2kg	28kg

ACCESSORIES

Name	Picture	Name	Picture
<b>SNMP Manager</b> Network Management Item Number: 10120505 EAN: 4260074974034		<b>EMD for SNMP Manager</b> Environment Module Item Number: 10120544 EAN: 4260074974966	
<b>AS400 Card</b> Dry Contacts Item Number: 10120515 EAN: 4260074974300		<b>Modbus Card 2</b> Modbus Protocol Item Number: 10120565 EAN: 4260074975703	
<b>SNMP Box</b> Network Management Item Number: 10131000 EAN: 4260074977424		<b>ATS</b> Automatic Transfer Switch Item Number: 10120543 EAN: 4260074974959	
<b>Battery Pack</b> BP A36T-6x9Ah BP A36T-12x9Ah BP A36T-18x9Ah+3A BP A72T-6x9Ah BP A72T-12x9Ah BP A72T-18x9Ah+3A	<b>Item</b> 10120546 10120593 10120594 10120511 10120575 10120585	<b>EAN</b> 4260074975192 4260074976717 4260074976724 4260074974225 4260074975932 4260074976267	<b>Compatibility</b> VFI 1000/1500 CG VFI 1000/1500 CG VFI 2000/3000 CG VFI 2000/3000 CG VFI 2000/3000 CG

