

PowerWalker VFI 6000-10000 CG PF1 Series

2016 PREMIERE

- Unity Power Factor (PF 1.0 means 10kVA = 10kW of the output!)
- Professional solution for commercial application
- Generator-compatible and very low Total Harmonic Distortion on output voltage
- EPO Function (Emergency Power Off)

The PowerWalker VFI 6000-10000 CG PF1 is a professional series for commercial applications featuring unity Power Factor (PF=1.0), very low harmonic distortions (<1%) and high efficiency (up to 94%). The wide input voltage and frequency ranges allow operation in unstable networks and provide generator support.

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

MODEL	VFI 6000 CG PF1	VFI 10000 CG PF1
Item Number	10122048	10122049
Power	6000VA / 6000W	10000VA / 10000W
Power Factor	Unity Power Factor (PF=1.0)	
INPUT		
Input Voltage Range	110-300 VAC @ 0-60% load 140-300 VAC @ 60-80% load 176-300 VAC @ 80-100% load	
Input PF	≥ 0.99 at full load	
Max THDi	≤4% @ 100% load ≤6% @ 50% load	
Frequency Range	46Hz - 54Hz or 56Hz - 64Hz	
OUTPUT		
Nominal Output Voltage	208/220/230/240 VAC	
Voltage Regulation	±1%	
THDv	≤1% Full Linear Load ≤4% Non-Linear Load	
Frequency (Synchronized Range)	46Hz - 54Hz or 56Hz - 64Hz	
Frequency (Battery Mode)	±0.1Hz	
Overload Capacity	Line: 10min @100%-110%; 1min @110%-130%; 1s @>130% BAT: 30s @100%-110%; 10s @110%-130%; 1s @>130%	
BATTERIES		
Batteries	16 x 9Ah/12V	20 x 9Ah/12V
Charger	1A	
Recharge Time	9h to 90%	
Full Load Backup Time	3.7min	2.8min
Half Load Backup Time	11.2min	8.4min
Battery Connection	Yes, for external battery pack	

MODEL	VFI 6000 CG PF1	VFI 10000 CG PF1
TECHNICAL DETAILS		
Transfer Time [Inverter to Bypass]	0ms	
Transfer Time [AC to Battery]	0ms	
Load Crest Ratio	3:1	
Fan Logic	Always on, automatic speed control	
LINE mode full Load	94%	
BATTERY mode full Load	91%	
COMMUNICATION		
Communication	USB port, RS-232 port, EPO, Intelligent Slot	
Software	PowerWalker ViewPower	
ENVIRONMENT		
Noise Level	< 55dB	< 58dB
Temperature	0°C – 40°C	
Humidity	20% - 95% RH (non-condensing)	

BACK VIEW



ACCESSORIES

Name	Picture	Name	Picture
SNMP Manager Network Management Item Number: 10120505 EAN: 4260074974034		EMD for SNMP Manager Environment Module Item Number: 10120544 EAN: 4260074974966	
AS400 Card Dry Contacts Item Number: 10120515 EAN: 4260074974300		Modbus Card 2 Modbus Protocol Item Number: 10120565 EAN: 4260074975703	
SNMP Box Network Management Item Number: 10131000 EAN: 4260074977424		MBS/PDU 19in 6-10KVA Maintenance Bypass Switch (Power Distribution Unit) Item Number: 10120584 EAN: 4260074976250	
BP A192T-16x9Ah 16x9Ah, 192VDC Item Number: 10134026		BPH A240T-20 for 20 bat, 240VDC Item Number: 10134024 EAN: 4260074977806	
BP A192T-32x9Ah 32x9Ah, 192VDC Item Number: 10134027 EAN: 4260074978124		BPH A240T-40 for 40 bat, 240VDC Item Number: 10134025 EAN: 4260074977813	

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