PowerWalker VFI 1000-3000 RMG 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 RMG PF1 is a professional rack 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. Units are equipped with a very strong charger with adjustable current. The series is featuring new LCD panel with higher contrast, estimated backup time display and convenient icon diagram.

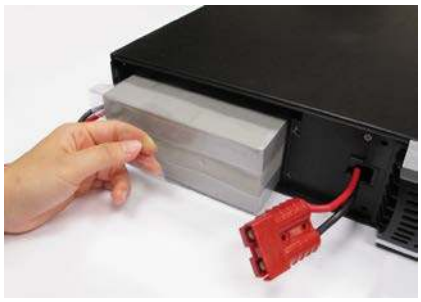


TECHNICAL SPECIFICATION

SERIES	VFI 1000-3000 RMG PF1	
INPUT		
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	
OUTPUT		
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	
TECHNICAL DETAILS		
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: 2min @105%-130%; 10s @130%-200%; 0.25s @>200%;	Battery Mode: 10s @105%-130%; 0.25s @>130%
External Battery Connection	Yes	
Fan Logic	Always ON, automatic speed control	
COMMUNICATION AND CONNECTIONS		
Software	ViewPower or ViewPowerMini	
USB	Yes	
RS-232	Yes	
Intelligent Slot	Yes	
EPO	Yes	

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.





MODEL	VFI 1000 RMG	VFI 1500 RMG	VFI 2000 RMG	VFI 3000 RMG
Item Number	10122112	10122113	10122114	10122115
EAN	4260074979954	4260074979961	4260074979978	4260074979985
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
	4.5 min	3 min	4.4 min	3 min
IEC C13	8			
IEC C19	0			1
Width	438mm (19")		190mm	
Height	88mm (2U)		318mm	
Depth	410mm		630mm	
Weight	14.1kg	15.5kg	23.3kg	27.5kg

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		**ATS** Automatic Transfer Switch Item Number: 10120543 EAN: 4260074974959	
BP A36RM-6x9Ah Battery Pack Item Number: 10120548 EAN: 4260074975314		**BP A72RM-12x9Ah** Battery Pack Item Number: 10120550 EAN: 4260074975338	



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