

VFI 1000-3000 RMG

- Unity Power Factor 1.0 (kVA = kW)
- Compatible with Half-Wave Imbalance Loads
- Wide input voltage range for all environments
- **Hot-Swappable** Batteries
- Adjustable Strong Charger



The PowerWalker VFI 1000-3000 RMG PF1 is a professional UPS for commercial applications featuring Unity Power Factor (PF=1.0) and a very strong charger with adjustable current. Allows connecting loads with half-wave imbalance (i.e., laser printers and ultrasound systems) and provides 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. With its slim design it only requires 2U of valuable space of your rack system. The UPS can be installed in a 19" rack system or used as a tower.

General Features	Values			
Power Capacity	1000VA/1000W	1500VA/1500W	2000VA/2000W	3000VA/3000W
Output Power Factor	1.0			
LINE Mode Full Load	89.0%		91.0%	
Charger	1A / [2A] / 4A / 6A / 8A / 10A / 12A		1A / [2A] / 4A / 6A / 8A	
Input Specifications	Values			
Input Voltage Range	160-276 VAC at 100% Load 110-160 VAC at 50% Load			
Frequency (Synchronized Range)	47Hz - 53Hz or 57Hz - 63Hz			
Input Type	IEC C14 or IEC C14 ^{UK}		IEC C20 or IEC C20 ^{UK}	
Output Specifications	Values			
Nominal Output Voltage	200/208/220/230/240 VAC			
Voltage Regulation	+/- 1%			
Frequency (Battery Mode)	+/- 0.1Hz			
Outlets	IEC C13 (4)		IEC C13 (8)	IEC C13 (8) + IEC C19 (1)
Battery Specifications	Values			
Batteries	3 x 12V/ 7Ah	3 x 12V/ 9Ah	6 x 12V/ 7Ah	6 x 12V/ 9Ah
DC Voltage	3 x 12V		6 x 12V	
Recharge Time	3h to 90%			
Full Load Backup Time	4.5 min	3 min	4.5 min	3 min
Half Load Backup Time	13 min	10.5 min	13 min	10 min
Transfer Time [AC to Battery]	0 ms			
Transfer Time [Inverter to Bypass]	4 ms			

VFI 6k-10k RMG/ RMGS

- Unity Power Factor 1.0 (kVA = kW)
- Parallel Operation, up to 3 units
- Very Low Total Harmonic Distortion on output voltage
- Available with a Stronger Charger (RMGS)



The PowerWalker VFI 6k-10k RMG PF1 is a professional UPS for commercial applications featuring Unity Power Factor (PF=1.0) and strong charger with adjustable current. The wide input voltage and frequency ranges allow operation in unstable networks and provides 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. With its slim design it only requires 2U of valuable space of your rack system. The UPS can be installed in a 19" rack system or used as a tower.

General Features	RMGS	RMG	RMGS	RMG
Power Capacity	6000VA/ 6000W		10000VA/ 10000W	
Output Power Factor	1.0			
LINE Mode Full Load	94.0%			
Charger	1A / [2A] / 4A / 6A		1A / [2A] / 4A	
Input Specifications	Values			
Input Voltage Range	176-300 VAC at 100% Load 110-176 VAC at 50% Load			
Frequency (Synchronized Range)	46Hz - 54Hz or 56Hz - 64Hz			
Input Type	Terminal			
Output Specifications	Values			
Nominal Output Voltage	200/208/220/230/240 VAC			
Voltage Regulation	+/- 1%			
Frequency (Battery Mode)	+/- 0.1Hz			
Outlets	Terminal			
Battery Specifications	Values			
Batteries	Ext. Battery	20 x 12V/ 9Ah	Ext. Battery	20 x 12V/ 9Ah
DC Voltage	20 x 12V			
Recharge Time	9h to 90%			
Full Load Backup Time	-	6.5 min	-	2.8 min
Half Load Backup Time	-	17 min	-	8.4 min
Transfer Time [AC to Battery]	0 ms			
Transfer Time [Inverter to Bypass]	0 ms			