

# PowerWalker VFI 1000-10000 (P)RT HID Series



- High efficiency results in energy saving with output power factor 0.9
- Compact rack/tower design with swappable LCD position
  - 2U (1-3kVA) 3U (6kVA) or 5U (10kVA)
- Parallel operation support for 6kVA and 10kVA units
- Selectable line sensitivity allowing generator support
- USB with Human Interface Device (HID) support and Intelligent Slot for communication



PowerWalker VFI RT HID Series with VFI PRT HID, its professional version including parallel operation, is a flagship series of PowerWalker brand. This popular rack series offers high efficiency, reliability and high Mean Time Between Failure (MTBF), hence it is frequently chosen for commercial applications.

Among technical details, which prove its qualification for demanding environment, there are functions worth noting. 1-3kVA models offer two programmable groups of outlets that can be switched off with different priority (i.e. one immediately after power failure, another till the battery empty). 6-10kVA models offer parallel operation and embedded PDU with IEC outlets.



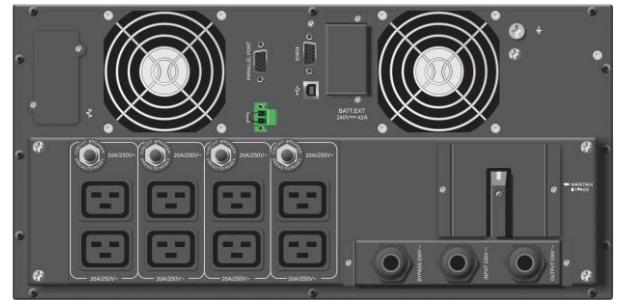
## TECHNICAL SPECIFICATION

MODEL	VFI 1000 RT HID	VFI 1500 RT HID	VFI 2000 RT HID	VFI 3000 RT HID	VFI 6000 PRT HID	VFI 10000 PRT HID
Item Number	10120120	10120121	10120122	10120123	10120130	10120131
Power	1000VA / 900W	1500VA /1350W	2000VA /1800W	3000VA /2700W	6000VA /5400W	10000VA / 9000W
EAN	4260074974393	4260074974409	4260074974416	4260074974423	4260074974713	4260074974720
<b>INPUT</b>						
Input Voltage Range	120-276 VAC Depends on Load Level					
Input PF	≥ 0.99 at full load					
Max THDi	≤5%					
Frequency Range	45Hz - 55Hz or 54Hz - 66Hz					
<b>OUTPUT</b>						
Nominal Output Voltage	208/220/230/240 VAC					
Connection	8 x IEC C13		8x IEC C13 + 1x IEC C19		4x IEC C13 + 2x IEC C19+ Terminal	8x IEC C19 + Terminal
Programmable outlets	Yes, 2 groups				No	
Parallel work	No				2 units of the same size	
Voltage Regulation	±1%					
THDv	≤2% Full Linear Load; ≤5% Non-Linear Load					
Frequency (Sync'd Range)	45Hz - 55Hz or 54Hz - 66Hz					
Frequency (Battery Mode)	±0,2Hz				±0,1Hz	
Overload Capacity	12s @ 102%-130%; 1.5s @ 130%-150%; 100ms @ >150%				2min @ 102%-130%; 30s @ 130%-150%; 100ms @ >150%	
<b>BATTERIES</b>						
Batteries	3 x 7Ah/12V	4 x 7Ah/12V	4 x 9Ah/12V	6 x 9Ah/12V	15 x 5Ah/12V	20 x 9Ah/12V
Charger	1.5A				1.0A	1.7A
Recharge Time	3h to 90%					
Full Load Backup Time	5min	4min	3min	3min	3.4min	3.8min
Half Load Backup Time	16min	13min	10min	10min	9.8min	12.5min
Battery Connection	Yes, for external battery pack					

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<b>TECHNICAL DETAILS</b>	
Transfer Time [Inverter to Bypass]	0ms
Transfer Time [AC to Battery]	0ms
Transfer Time [Inverter to ECO]	1ms
Transfer Time [ECO to Inverter]	10ms
Load Crest Ratio	3:1
Fan Logic	Always on, automatic speed control
<b>COMMUNICATION</b>	
Communication	USB port, RS-232 port, EPO, Intelligent Slot
Software	PowerWalker WinPower
<b>ENVIRONMENT</b>	
Noise Level	< 45dB
Temperature	0°C – 40°C
Humidity	0% - 95% RH (non-condensing)

UK Input version		
10120136	VFI 1000 RT HID UK	4260074974829
10120137	VFI 1500 RT HID UK	4260074974836
10120138	VFI 2000 RT HID UK	4260074974843
10120139	VFI 3000 RT HID UK	4260074974850

**BACK VIEW**



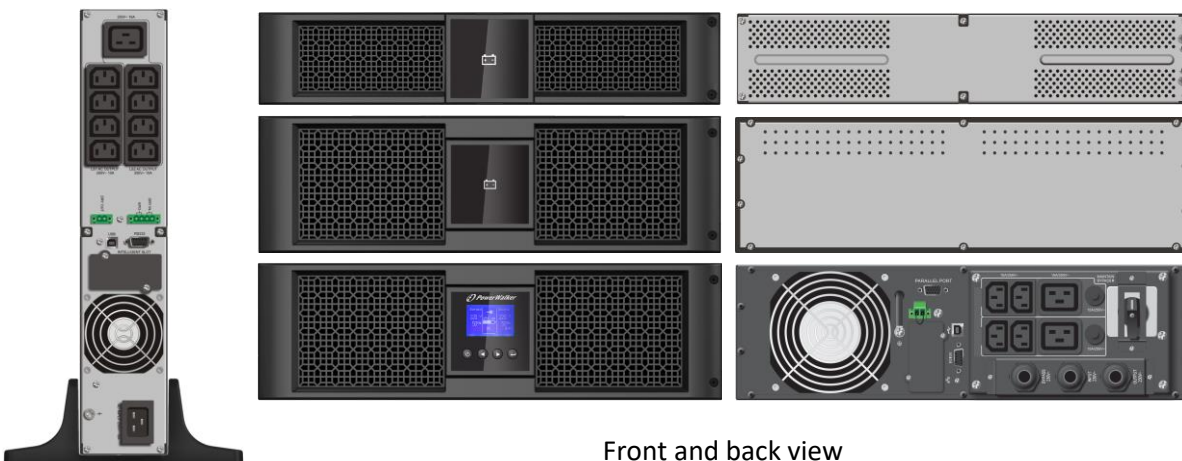
VFI 10000 PRT HID

**ACCESSORIES**

Name	Picture	Name	Picture
<b>NMC Card</b> Network Management Item Number: 10120517 EAN: 4260074974461		<b>EMD for NMC Card</b> Environment Module Item Number: 10120545 EAN: 4260074974973	
<b>AS400 Card 3</b> Dry Contacts Item Number: 10120528 EAN: 4260074974577		<b>Modbus Card</b> Modbus Protocol Item Number: 10120564 EAN: 4260074975697	
<b>BP P36R-6x9Ah</b> for VFI 1000 RT Item Number: 10134010 EAN: 4260074977530		<b>BP P180R-15x9Ah</b> for VFI 6000P/RT LCD Item Number: 10120538 EAN: 4260074974676	
<b>BP P72R-12x9Ah</b> for VFI 3000 RT Item Number: 10134012 EAN: 4260074977554		<b>BP P240R-20x9Ah</b> for VFI 10000PRT LCD Item Number: 10120539 EAN: 4260074974683	
<b>BP P36R-12x7.2Ah</b> for VFI 1000 RT Item Number: 10120586 EAN: 4260074977912	<b>BP P48R-8x9Ah</b> for VFI 1500/2000 RT Item Number: 10134011 EAN: 4260074977547		



VFI 3000 PRT HID



Front and back view

13/09/2017