PowerWalker VFI 1000-3000 C Series

- Online technology with Power Factor 0.8
- Range of accessories including Battery Packs available
- Comprehensive LCD panel
- Generator support

Now with external battery connector!



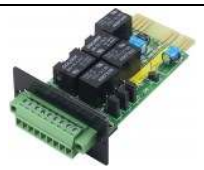
The PowerWalker VFI 1000-3000 C Series is one of the best-selling online products. It offers all benefits of double conversion, like pure sine wave stable output voltage, compatibility with generator and 0ms transfer time. In the end of 2016 it was upgraded to feature battery connector.

It is a great solution for home or small business. It is compatible with SNMP Card for IT purpose and remote monitoring.

Technical Specification

SERIES	VFI 1000-3000 C	
INPUT		
Voltage	Voltage Range Low Line Transfer 110-160VAC ± 5% depending on load level Voltage Range High Line Transfer 300VAC ± 5%	
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	≤3% Full Linear Load; ≤6% Non-Linear Load	
Voltage Regulation (Bat. Mod.)	±1%	
Frequency (Battery Mode)	±0,3Hz	
TECHNICAL DETAILS		
Load Crest Ratio	3:1	
Transfer Time [AC to Battery]	0ms	
Transfer Time [Inverter to Bypass]	4ms	
Generator support	Yes	
Overload Capacity	Line Mode: constant @100%-105% bypass at higher	Battery Mode: 10min @105%-110% 1min @110-130% 3s @>130%
Fan Logic	Always ON, automatic speed control	
COMMUNICATION AND CONNECTIONS		
Software	ViewPower	
Communication ports	USB, RS232	
Intelligent Slot	Yes	
EPO	Yes	

Accessories

Name	Picture
SNMP Manager Network Management Item Number: 10120505 EAN: 4260074974034	
AS400 Card Dry Contacts Item Number: 10120515 EAN: 4260074974300	
SNMP Box Network Management Item Number: 10131000 EAN: 4260074977424	
EMD for SNMP Manager Environment Module Item Number: 10120544 EAN: 4260074974966	
Modbus Card 2 Modbus Protocol Item Number: 10120565 EAN: 4260074975703	

Technical Specification

MODEL	VFI 1000 C	VFI 2000 C	VFI 3000 C
Item Number	10120177	10120178	10120179
EAN	4260074976557	4260074976564	4260074976571
MODEL	**VFI 1000 C UK**	**VFI 2000 C UK**	**VFI 3000 C UK**
Item Number	10120189	10120190	10120191
EAN	4260074977110	4260074977127	4260074977134
Power (kVA)	1000VA	2000VA	3000VA
Power (kW)	800W	1600W	2400W
BATTERIES			
Batteries	2x 12V/9Ah	4x 12V/9Ah	6x 12V/9Ah
Battery Connector		Yes	
DC Voltage	24VDC	48VDC	72VDC
Charger		1A	
Charging Time		8h to 90%	
Half Load Backup Time	12.5min	11.5min	13min
Full Load Backup Time	4min	4min	4.5min
OUTLETS			
IEC C13	3	4	4
Terminal		0	1



VFI 1000 C



VFI 2000 C

Backup Table

External Batteries	Full Load	Half Load	100	200	300	400	500	750	1000	1500	2000
VFI 1000 C LCD											
Internal (2x 12V/9Ah)	4	12.5	50	25	17.5	12.5	9	5	---	---	---
+ 1 x BP A24R-4x9Ah (rack)	21	52	>90	>90	69	53	41	23.5	---	---	---
+ 2 x BP A24R-4x9Ah (rack)	44	>90	>90	>90	>90	>90	74	50	---	---	---
+ 3 x BP A24R-4x9Ah (rack)	64	>90	>90	>90	>90	>90	>90	73	---	---	---
VFI 2000 C LCD											
Internal (4x 12V/9Ah)	4.5	12.5	87	55	40	28	22	14	9	5	---
+ 1 x BP A48R-8x9Ah (rack)	22	53	>90	>90	>90	>90	87	58	42	23.5	---
+ 2 x BP A48R-8x9Ah (rack)	46	>90	>90	>90	>90	>90	>90	>90	75	49	---
+ 3 x BP A48R-8x9Ah (rack)	66	>90	>90	>90	>90	>90	>90	>90	>90	72	---
VFI 3000 C LCD											
Internal (6x 12V/9Ah)	4.5	12.8	>90	>90	57	46	36	23	16	9.8	6.1
+ 1 x BP A72T-6x9Ah	13	30.5	>90	>90	>90	>90	80	57	40	23	16
+ 1 x BP A72T-12x9Ah	22	53	>90	>90	>90	>90	>90	>90	64	43	28
+ 1 x BP A72T-18x9Ah+3A	34	73	>90	>90	>90	>90	>90	>90	>90	59	44
+ 2 x BP A72T-18x9Ah+3A	67	>90	>90	>90	>90	>90	>90	>90	>90	>90	84



VFI 3000 C

06/01/2017