

PowerWalker VFI 10000-30000 CP 3/3 Series

- Three-Phase Online UPS with Power Factor 0.9
- EPO Function (Emergency Power Off)
- Batteries included: 20/40/60 pcs of 9Ah and external battery connection
- Easy to connect Battery Packs available
- Wide input voltage range for generator support
- Optional isolation transformer offers full isolation and complete common mode noise rejection

The PowerWalker VFI CP 3/3 BI series covers the power range from 10-30kVA. It is a professional series for commercial applications featuring a Power Factor of 0.9. The wide input voltage and frequency ranges allow flexible operation in unstable networks and provide generator support.

The VFI CP 3/3 series provides powerful and overall protection to your sensitive devices. 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.



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		Parallel Kit External charger 4A Item Number: 10136005 EAN: 4260074978087	
Charger EC240-4A External charger 4A Item Number: 10136005 EAN: 4260074978087		Charger EC240-8A External charger 8A Item Number: 10136006 EAN: 4260074978094	
Charger EC240-12A External charger 12A Item Number: 10136007 EAN: 4260074978100		Charger EC240-24A External charger 24A Item Number: 10136008 EAN: 4260074978117	

BP A240T-20x9Ah 20x9Ah, 240VDC Item Number: 10120557 EAN: 4260074975420		BP A240TB-40x9Ah 40x9Ah, 240VDC Item Number: 10120587 EAN: 4260074977677	
BP A240T-60x9Ah 60x9Ah, 240VDC Item Number: 10120588 EAN: 4260074977684		BP A240TB-80x9Ah 80x9Ah, 240VDC Item Number: 10120590 EAN: 4260074977707	

TECHNICAL SPECIFICATION

MODEL	VFI 10000 CP 3/3 BI	VFI 15000 CP 3/3 BI	VFI 20000 CP 3/3 BI	VFI 30000 CP 3/3 BI
Item Number	10120164	10120165	10120166	10120167
Power	10000VA / 9000W	15000VA / 13500W	20000VA / 18000W	30000VA / 27000W
INPUT				
Input Voltage Range	305-478 VAC (3-phase) @100% load 190-520 VAC (3-phase) @50% load			
Input PF	≥ 0.99 at full load			
Max THDi	≤7%			≤6%
Dual Input	Yes			Optional
Frequency Range	46Hz - 54Hz or 56Hz - 64Hz			
OUTPUT				
Nominal Output Voltage	3x 400V (3Ph+N); 208/220/230/240VAC(Ph-N)			
Voltage Regulation	±1%			
THDv	≤2% Full Linear Load ≤5% 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%			
TECHNICAL DETAILS				
Parallel Work	Optional. Up to 3 units of the same size in parallel			
Load Crest Ratio	3:1			
Transfer Time	0ms from AC to Battery Mode and from Inverter to Bypass; max 10ms from Inverter to ECO			
Efficiency in Line Mode	90.5%	91.5%	91.5%	92.1%
Efficiency in Battery Mode	86%	88%	87%	89%
Communication	USB, RS-232, Intelligent Slot, EPO, Software available			
BATTERIES				
Batteries	20 x 9Ah/12V	2x20 x 9Ah/12V	2x20 x 9Ah/12V	3x20 x 9Ah/12V
Charger	1A	2A	2A	4A
Recharge Time	9h to 90%			
Full Load Backup Time	3.3min	6.1min	3.5min	3.5min
Half Load Backup Time	9.7min	24.7min	9.8min	9.9min
Battery Connection	Yes, for external battery pack			
LOGISTICS				
EAN	4260074975895	4260074975901	4260074975918	4260074975925
Dimensions [mm]	250x826x815	250x826x815	250x826x815	300x1000x815
Weight	109kg	164kg	164kg	233.5kg



BACKUP TIME TABLE

Model	full-load	half-load	2000	3000	4000	5000	6000	7000	8000	9000
VFI 10000CP 3/3 BI										
Internal Batteries	3.3	11.7	30.5	19	13.6	10.2	6.7	6.7	4.2	3.3
BP A240TB-40x9Ah	18.2	45	107	70	52	40.2	32.8	27.6	22.8	18.2
BP A240TB-60x9Ah	26	63	147	97	72	56	46	39	32	26
BP A240TB-80x9Ah	34	81	186	124	92	72	59	50.6	42	34
Model	full-load	half-load	4000	5000	6000	7000	8000	9000	10000	12000
VFI 15000CP 3/3 BI										
Internal Batteries	6.1	17	31	24.3	19.7	16.4	13.8	12.1	10.7	7.6
BP A240TB-40x9Ah	15.7	39	71	55	45.5	38.4	32.8	28.8	25.7	19.7
BP A240TB-60x9Ah	20.8	51	91	71	58.8	50	42.7	37.7	33.7	26
BP A240TB-80x9Ah	26	63	111	87	72.4	61.6	52.8	46.7	41.8	32
Model	full-load	half-load	5000	6000	7000	8000	9000	10000	12000	15000
VFI 20000CP 3/3 BI										
Internal Batteries	4.2	12.1	24.3	19.7	16.4	13.8	12.1	10.7	8.1	5.9
BP A240TB-40x9Ah	10.8	28.8	55	45.5	38.4	32.8	28.8	25.7	20	14.8
BP A240TB-60x9Ah	14.5	37.7	71	58.8	50	42.7	37.7	33.7	26.3	19.7
BP A240TB-80x9Ah	18.2	46.7	87	72.4	61.6	52.8	46.7	41.8	32.8	24.6
Model	full-load	half-load	7000	8000	9000	10000	12000	15000	20000	25000
VFI 30000CP 3/3 BI										
Internal Batteries	4.7	11.9	26.4	22.8	19.7	17.5	13.8	10.5	7.4	5.2
BP A240TB-80x9Ah	14.5	34.2	71.4	62.2	54.4	48.8	39.4	30.6	22.1	16

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