

PowerWalker VFI 10000-20000 CPE 3/3 Series

- Three-Phase Online UPS with Power Factor 0.9
- EPO Function (Emergency Power Off)
- Batteries included: 16/32 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 CPE 3/3 BI series covers the power range from 10-20kVA. It is a reduced version of VFI CP 3/3 series. The wide input voltage and frequency ranges allow flexible operation in unstable networks and provide generator support.

The VFI CPE 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	
BP A192T-16x9Ah 16x9Ah, 192VDC Item Number: 10134026 EAN: 4260074978278		BP A192T-32x9Ah 32x9Ah, 192VDC Item Number: 10134027 EAN: 4260074978124	

TECHNICAL SPECIFICATION

MODEL	VFI 10000 CPE 3/3 BI	VFI 15000 CPE 3/3 BI	VFI 20000 CPE 3/3 BI
Item Number	10122056	10122057	10122058
Power	10000VA / 9000W	15000VA / 13500W	20000VA / 18000W
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%		
Dual Input	No		
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 (max)		
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%
Efficiency in Battery Mode	86%	88%	88%
Communication	USB, RS-232, Intelligent Slot, EPO, Software available		
BATTERIES			
Batteries	16 x 9Ah/12V	2x16 x 9Ah/12V	2x16 x 9Ah/12V
Charger	1A	1A	1A
Battery Connection	Yes, for external battery pack		
LOGISTICS			
EAN	4260074978735	4260074978742	4260074978759
Dimensions [mm]	250x826x592	250x826x592	250x826x592
Weight	96kg	146kg	146kg

BACKUP TIME TABLE

Model	full-load	half-load	2000	3000	4000	5000	6000	7000	8000	9000
VFI 10000 CPE 3/3 BI										
Internal Batteries	~1	7.0	18	12.5	8.2	5.8	4.1	3.0	2.1	~1
BP A192T-16x9Ah	6.5	19.5	49	31	22	17	13.5	11.0	9.0	6.5
BP A192T-32x9Ah	14.0	34	80	54	40	29	23	19.5	16.5	14.0
Model	full-load	half-load	4000	5000	6000	7000	8000	9000	10000	12000
VFI 15000 CPE 3/3 BI										
Internal Batteries	3.2	10.5	20	15	12.5	10	8.0	7.0	5.5	4.0
BP A192T-16x9Ah	7.1	18.5	35	26	21	17.5	15	13.0	11.5	8.5
BP A192T-32x9Ah	11.5	27.0	51	41	33	25.5	22	19.5	17.0	13.5
Model	full-load	half-load	5000	6000	7000	8000	9000	10000	12000	15000
VFI 20000 CPE 3/3 BI										
Internal Batteries	1.5	7.0	15	12.5	10	8.0	7.0	5.5	4.0	2.5
BP A192T-16x9Ah	4.2	13.0	26	21	17.5	15	13.0	11.5	8.5	6.0
BP A192T-32x9Ah	7.5	19.5	41	33	25.5	22	19.5	17.0	13.5	10.0

