

# 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
<b>SNMP Manager</b> Network Management Item Number: 10120505 EAN: 4260074974034		<b>EMD for SNMP Manager</b> Environment Module Item Number: 10120544 EAN: 4260074974966	
<b>AS400 Card</b> Dry Contacts Item Number: 10120515 EAN: 4260074974300		<b>Modbus Card 2</b> Modbus Protocol Item Number: 10120565 EAN: 4260074975703	
<b>SNMP Box</b> Network Management Item Number: 10131000 EAN: 4260074977424		<b>Parallel Kit</b> External charger 4A Item Number: 10136005 EAN: 4260074978087	
<b>BP A192T-16x9Ah</b> 16x9Ah, 192VDC Item Number: 10134026 EAN: 4260074978278		<b>BP A192T-32x9Ah</b> 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
<b>INPUT</b>			
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	Yes		
Frequency Range	46Hz - 54Hz or 56Hz - 64Hz		
<b>OUTPUT</b>			
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%		
<b>TECHNICAL DETAILS</b>			
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		
<b>BATTERIES</b>			
Batteries	16 x 9Ah/12V	2x16 x 9Ah/12V	2x16 x 9Ah/12V
Charger	1A	1A	1A
Battery Connection	Yes, for external battery pack		
<b>LOGISTICS</b>			
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
<b>VFI 10000 CPE 3/3 BI</b>										
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
<b>VFI 15000 CPE 3/3 BI</b>										
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
<b>VFI 20000 CPE 3/3 BI</b>										
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

