

PowerWalker VFI 10000-20000 CPR Series

2016 PREMIERE

- Professional IT solution with three phase input
- Available with single and three phase output
- 3-stage charging design for optimized battery performance
- Parallel operation with range up to 60kVA (3x20kVA)
- Extendable battery packs available
- Generator-compatible



The PowerWalker VFI CPR series offers a professional IT rack solution for modern data centres with a high power factor of 0.9. The total capacity can be extended to 60kVA by connecting up to three units in parallel. The series is available with either single or three-phase output. Furthermore the easy plug and play design allows an increased backup time by connecting more battery packs. In ECO mode the UPS reaches an efficiency of up to 96%.

The wide input voltage and frequency ranges allow operation in unstable networks and provide generator support. 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.

TECHNICAL SPECIFICATION

MODEL	VFI 10000 CPR 3/1	VFI 10000 CPR 3/3	VFI 15000 CPR 3/1	VFI 15000 CPR 3/3	VFI 20000 CPR 3/3	VFI 20000 CPR 3/3
Item Number	10122050	10122053	10122051	10122054	10122052	10122055
Power	10000VA / 9000W		15000VA / 13500W		20000VA / 18000W	
Height	3U	6U				
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	≤6%					
Frequency Range	46Hz - 54Hz or 56Hz - 64Hz					
OUTPUT						
Nominal Output Voltage	208/220/230/240 V	360/380/400/415 V	208/220/230/240 V	360/380/400/415 V	208/220/230/240 V	360/380/400/415 V
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					
Efficiency in Line Mode	90.5%	90.5%	91.0%	91.0%	91.0%	91.0%
Efficiency in Battery Mode	87.0%	86.0%	88.0%	87.0%	88.0%	87.0%
Overload Capacity	Line Mode: 10min @100%-110%; 1min @110%-130%; 1s @>130%; Battery mode: 30s @100%-110%; 10s @110%-130%; 1s @>130%					
BATTERIES						
Batteries	Amount of battery packs is adjustable for the requested backup time					
Standard Battery Set	1 BP with 20 x 9Ah/12V		2 BP with 20 x 9Ah/12V			
Charger	1A / 2A / 4A; default setup 1A			1A / 2A / 4A; default setup 2A		
Battery Connection	50A rated		100A rated			

PHOTOS



VFI 10000 CPR 3/1 front



VFI 10000 CPR 3/1 back



VFI 15000-20000 CPR 3/1 front



VFI 15000-20000 CPR 3/1 back



VFI 10000-20000 CPR 3/3 front



VFI 10000-20000 CPR 3/3 back

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		BP A240R-20x9Ah Battery Pack with 20 pcs Item Number: 10120532 EAN: 4260074974614	

All products specifications are subject to change without notice.

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