

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 3/1 | VFI 20000 CPR 3/1 |
|--------------------------------|---|-------------------|-------------------|--------------------------------|-------------------|-------------------|
| 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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