

# **PRODUCT CARD**

**Manufacturer: PowerWalker  
Z29135**

## **UPS POWERWALKER VFI 10K CPG PF1 3/3 BI ON-LINE 10KVA TERMINAL USB-B RS-232 3/3 PHASE LCD SNMP TOWER**

**Catalog number: VFI 10K CPG PF1 3/3 BI**



### **Product description**

The PowerWalker VFI CPG 3/3 PF1 series is a professional commercial solution built in double conversion technology with power factor 1.0. Equipped with three-level inverter topology, it results in high efficiency reaching 95.5% in Line Mode and even 98.5% in ECO Mode. The series ensures low harmonic distortions and precise voltage regulation (1%). All phases have Active Power Factor Correction.

Thanks to its modern design, the VFI CPG series reaches a very high power density (kVA output in relation to the size/volume of the unit). All models of this series offer generator support, dual input and allow parallel operation up to three units. Each unit is equipped by default with SNMP Card to increase control over the unit and offer embedded monitoring over IP.

For this model battery numbers can be adjusted (between 32 and 40pcs, except 10K unit), allowing more flexibility and compatibility with existing battery banks. The three stage extendable charging design also enhances battery performance over its life time. For safety reasons this series has been equipped with backfeed protection (reverse feed) in order to avoid power transfer to the input terminal in case of mains failure. On demand we can modify unit to include isolation transformer or negative power absorber.

For the convenience of operation, a touch panel has been added to the unit.

### **Product features**

Length [mm]	627
Width [mm]	250
Height [mm]	827
Connectors	RS-232; USB Type-B
Power [W]	10 000,00
Apparent power [VA]	10 000,00
Input voltage [V]	400

Input voltage range [V]	from 190,00 up to 520,00
Input frequency range [Hz]	from 46,00 up to 64,00
Output voltage [V]	400
Output voltage regulation [%]	+/- 1
Output frequency [Hz]	50,00
Input frequency regulation [Hz]	+/- 0,1
Waveform type	Full sine wave
Battery quantity	20,00
Recharge time [h]	9
Expansion slot	Yes
Colour	Black
Noise level [dB]	60,00
Environment temperature [°C]	from 0,00 up to 40,00
Environment humidity [%]	from 0,00 up to 95,00
Max transfer time [ms]	0,00
Battery capacity [Ah]	9,00
Software	View Power
Number of expansion slots	1,00
Battery voltage [V]	12,00
Weight [g]	139 000,00
Battery runtime at 50% load [min]	10,00
Battery runtime at 100% load [min]	3,00
Transfer time [ms]	from 0,00 up to 0,00
Type of casing	Tower
Weight [kg]	124,00
Device efficiency [%]	95,50
UPS topology	On-line (VFI)
PowerFactor	1,00
Supported Operating Systems	Windows 7; Windows 8; Windows 10
Battery weight [kg]	46,00
Functions	Emergency Power Off (EPO)
Output acceptable voltage range [V]	from 208,00 up to 400,00
Protections	Surge protection; Overload protection; Short circuit protection
Outlet type	Terminal IN/OUT
Number of outlets	1,00
Battery pack connector	Yes
Work signal	LCD
Battery string voltage [V]	240,00
Included Accessories	User guide
Weatherproof rating	IP20
Audible alarms	Yes

## **Logistics data**

ean	4260074981322
Unit width [cm]	38,50
Unit height [cm]	102,00
Unit length [cm]	78,50
Unit weight [kg]	78,50
VAT rate [%]	23,00
Warranty	24 (external)
Duty code	85044095
Country of origin	CN