PowerWalker VFI 6000-10000 RTG(S) Series

2017 PREMIERE

- True Double Conversion Technology with high output Power Factor 1.0
- Human Interface Device (HID) compatible USB connection (no additional drivers needed)
- Highly efficient (>95%), Energy saving solution with long autonomy time in great price
- 3-level inverter topology for increased efficiency and high power density
- Parallel operation up to 3 units
- Included Power Distribution Unit

The PowerWalker VFI 6000-10000 RTG series offers a professional solution for IT and office environment. They are available with different designs:

- RTG: Marketing name of the series and also standard rack UPS with BP as a set
- RTGE: Only the electronics part (the engine of the UPS), without battery pack.
- RTGS: Long-run version with strong charger for big external batteries (no battery pack in the package)

The VFI RTG series is detected as Human Interface Device (HID) Power Device by the internal O/S drivers and can be managed without additional software. It finds its application in all dedicated systems for kiosks, ATMs as well as in high security level systems, where additional software is not allowed (i.e. banking).

ACCESSORIES

SERIES	VFI 6000-10000 RTG & RTGS
INPUT	
Voltage	160-276 VAC at 100% load 110-160VAC range linear between 50-100% load
Input PF	≥ 0.995 at full load
Frequency Range	45Hz - 55Hz / 55Hz - 65Hz 40Hz - 70Hz at load ≤60%
OUTPUT	
Voltage	208/220/230/240 VAC
Pure Sine Wave	Yes
THDv	≤1% Full Linear Load; ≤5% Non-Linear Load
Voltage Regulation (Bat. Mod.)	±1%
Frequency (Battery Mode)	±0,1Hz
TECHNICAL DETAILS	
Load Crest Ratio	3:1
Transfer Time [AC to Battery]	0ms
Transfer Time [Inverter to Bypass]	0ms
Generator support	Yes
Overload Capacity	10min @105%-125%; 30s @125%-150%; 500ms @ >150%
External Battery Connection	Yes
Parallel operation	Yes, up to 3 units of the same size
COMMUNICATION AND CONNECTIONS	
Software	WinPower
USB	Yes, with HID support
RS-232	Yes
Intelligent Slot	Yes
EPO	Yes

10120517 - NMC Card
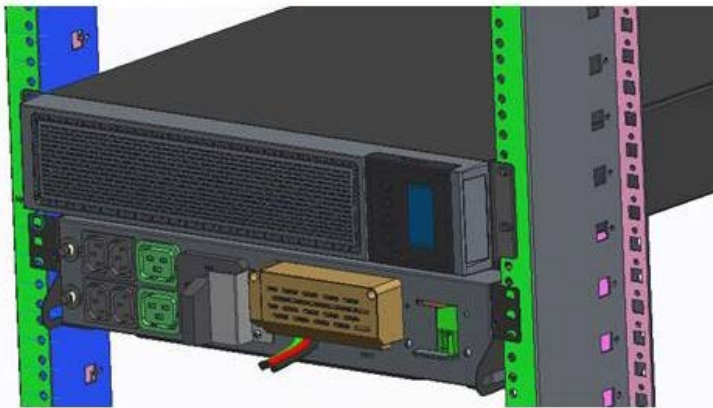
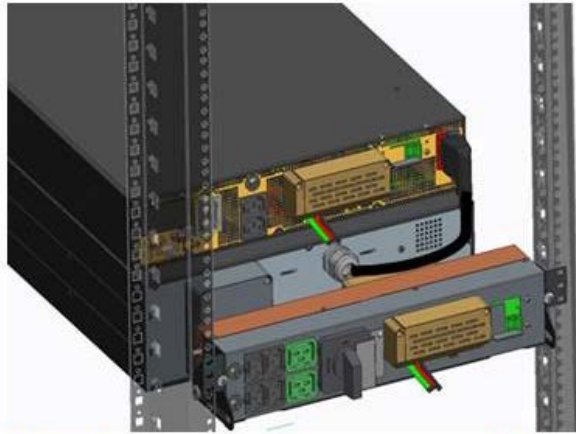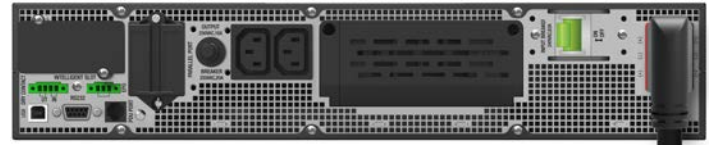10120545 - EMD for NMC Card

10120564 - Modbus Card

10120528 - AS400 Card 3

Included Power Distribution

Back view

MODEL	VFI 6000 RTG	VFI 10000 RTG	VFI 6000 RTGE	VFI 10000 RTGE	VFI 6000 RTGS	VFI 10000 RTGS
Item Number	10122132	10122133	10122128	10122129	10122130	10122131
EAN	4260074980318	4260074980325	4260074980158	4260074980165	4260074980172	4260074980189
Power (kVA)	6000VA	10000VA	6000VA	10000VA	6000VA	10000VA
Power (kW)	6000W	10000W	6000W	10000W	6000W	10000W
BATTERIES						
Batteries	16x 12V/7Ah	16x 12V/9Ah	None			
Battery Connector	Yes					
DC Voltage	192VDC					
Charger	0-4A [Default 1.4A]	0-4A [Default 2A]	0-4A [Default 1.4A]	0-4A [Default 2A]	0-12A [4A]	
Charging Time	3h to 90%					
Full Load Backup Time	4min					

BATTERY PACKS AND BACKUP TABLE

MODEL	FULL LOAD	HALF LOAD	1000W	2000W	3000W	4000W	5000W	6000W	7000W	8000W	9000W	10000W
VFI 6000 RTG												
VFI 6000 RTG	4.0	10.7	49.8	19.1	10.7	7.1	5.2	4.0				
+ 1 x BP S192R-16x7Ah	9.5	25.0	113.9	44.0	25.0	16.8	12.3	9.5				
+ 2 x BP S192R-16x7Ah	19.3	47.6	222.5	83.2	47.6	32.0	23.5	18.3				
VFI 10000 RTG												
VFI 10000 RTG	2.8	7.1	64.1	23.8	14.3	9.7	7.1	5.5	4.5	3.7	3.2	2.8
+ 1 x BP S192R-16x9Ah	7.1	18.3	172.7	64.1	36.9	24.9	18.3	14.3	11.6	9.7	8.2	7.1
+ 2 x BP S192R-16x9Ah	12.4	31.9	308.5	114.5	64.1	43.3	31.9	24.9	20.2	16.8	14.3	12.4

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