



PowerWalker VFI 6000-10000 TGB/TGS Series

- 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 of the same size

The PowerWalker VFI 1000-10000 TG/TGB/TGS offer a professional solution for home and office environment. They are available with different designs:

- TG: With internal battery; ranges from 1000-3000VA
- TGB: With internal battery and battery connector for external battery packs; ranges from 1000-10000VA
- TGS: Without internal batteries, but with a strong charger and battery connector; ranges from 1000-10000VA

The VFI TG/TGB/TGS series are 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).

SERIES	VFI 6000-10000 TGB & TGS						
NPUT							
Voltage	160-276 VAC at 100% load						
Voltage	110-160VAC range linear between 50-100% load						
nput 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							
_oad Crest Ratio	3:1						
Transfer Time [AC to Battery]	Oms						
Transfer Time [Inverter to Bypass]	Oms						
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 CONNECT	TIONS						
Software	WinPower						
JSB	Yes, with HID support						
RS-232	Yes						
ntelligent Slot	Yes						
EPO	Yes						



ACCESSORIES



10120517 - NMC Card



10120545 - EMD for NMC Card



10120564 - Modbus Card



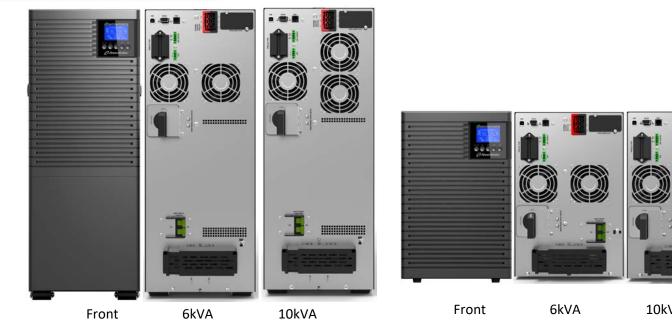
10120528 - AS400 Card 3



VFI TGB Series



VFI TGS Series



Front

10kVA

Front

6kVA

10kVA

MODEL	VFI 6000 TGB	VFI 10000 TGB	VFI 6000 TGS	VFI 10000 TGS					
Item Number	10122124	10122125	10122126	10122127					
EAN	4260074980110	4260074980127	4260074980134	4260074980141					
Power (kVA)	6000VA	10000VA	6000VA	10000VA					
Power (kW)	6000W	10000W	6000W	10000W					
BATTERIES									
Batteries	16x 12V/7Ah	16x 12V/9Ah	None						
Battery Connector	Yes								
DC Voltage	192	VDC	240VDC						
Charger	0-4A [Default 1.4A]	0-4A [Default 2A]	0-12A [4A]						
Charging Time	3h to	90%	Dottory related						
Full Load Backup Time	4n	nin	Battery related						

BATTERY PACKS AND BACKUP TABLE

MODEL	FULL LOAD	HALF LOAD	1000W	2000W	3000W	4000W	5000W	6000W	7000W	8000W	9000W	10000W
VFI 6000 TGB												
VFI 6000 TGB	4.0	10.7	49.8	19.1	10.7	7.1	5.2	4.0				
+ 1 x BP S192T-32x7Ah	18.3	47.6	222.5	83.2	47.6	32.0	23.5	18.3				
VFI 10000 TGB												
VFI 10000 TGB	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 S192T-32x9Ah	12.4	31.9	308.5	114.5	64.1	43.3	31.9	24.9	20.2	16.8	14.3	12.4



11/07/2017