

# PowerWalker VFI 6000-10000 TGB/TGS 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 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).

## ACCESSORIES



10120517 - NMC Card



10120545 - EMD for NMC Card



10120564 - Modbus Card



10120528 - AS400 Card 3

SERIES	VFI 6000-10000 TGB & TGS
<b>INPUT</b>	
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%
<b>OUTPUT</b>	
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
<b>TECHNICAL DETAILS</b>	
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
<b>COMMUNICATION AND CONNECTIONS</b>	
Software	WinPower
USB	Yes, with HID support
RS-232	Yes
Intelligent Slot	Yes
EPO	Yes

VFI TGB Series

VFI TGS Series



Front      6kVA      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
<b>BATTERIES</b>				
Batteries	16x 12V/7Ah	16x 12V/9Ah	None	
Battery Connector				Yes
DC Voltage	192VDC		240VDC	
Charger	0-4A [Default 1.4A]	0-4A [Default 2A]	0-12A [4A]	
Charging Time	3h to 90%			Battery related
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
<b>VFI 6000 TGB</b>												
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				
<b>VFI 10000 TGB</b>												
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