



KEY FEATURES

TECHNOLOGY

VANGUARD ensures a **clean and uninterrupted output, independently on the conditions of the mains**. This is because it constantly reconstructs the output waveform using either the input mains or batteries. The UPS of the VANGUARD Series are double conversion On Line UPS, classified as VFI-SS-111 according to the EN 62040-3 European Norm.

EFFICIENT

The **high quality of the components and technical solutions** used while designing the VANGUARD, make it the best answer to all your continuity needs in demanding environments, where quality comes first. Its **high efficiency** which makes you save power is recognized as energy saving product by various national regulations. The UPS of the VANGUARD Series also offer the **High Efficiency Mode** to have minimum power consumption when the On Line technology is not necessary.

CONNECTION

The UPS of the VANGUARD Series offers **all the connections you might need**: different output groups, communication ports and software management.

In specific, the VANGUARD features USB and RS232 ports and a Smart Slot to connect SNMP and AS400 optional boards. Besides, all the UPS of the VANGUARD Series have the Emergency Power Off contact, which allows their use in environments where a high safety level is necessary. The UPS can be equipped with an external By Pass and can be connected through ETS devices to redound the power load.

EXTRA AUTONOMY

You can **expand the autonomy** of the VANGUARD for how long you need thanks to the external Battery Packs. You can also **reduce the recharge time** adding an additional battery charger to the Battery Packs.

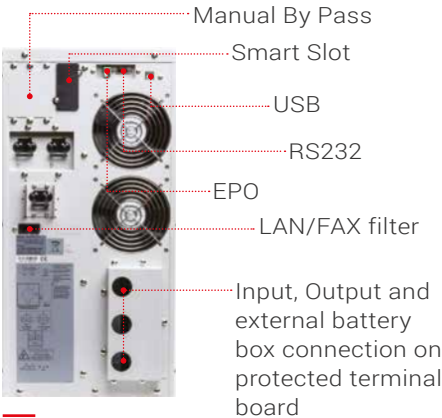
2 YEARS WARRANTY - Batteries Included

Find out more:



CUSTOMIZATIONS

- Tropicalization
- CEI016
- Frequency Converter



VGD 5K
VGD 6K



ACCESSORIES

- Internal network board (SNMP)
- Dry contacts board (AS400)
- Remote Display
- External By Pass
- Environmental and safety sensors/modem
- Isolation Transformer Kit (external box)



VGD 8K
VGD 10K
VGD 8K 31
VGD 10K 31

vgd

Model		VGD 5K	VGD 6K	VGD 8K	VGD 10K	VGD 8K 31	VGD 10K 31
Power (kVA/kW)		5/3,5	6/4,2	8/5,6	10/7	8/5,6	10/7
Connections	input	Input terminal board. Available input cables kit with IEC309 2P+T 32 A (5÷6kVA) or 63 A (8÷10kVA) plugs			Input terminal board. Available input cables kit with IEC309 3P+N+T 63 A plug		
	output	Output terminal board. Available output cables kit with IEC309 2P+T 32 A (5÷6kVA) or 63 A (8÷10kVA) plugs					
Interface	communication	RS232 & FREE CONTACTS + USB					
	display	LCD					
	EPO	YES, Emergency Power OFF “NC”					
Regulations		EN 62040-1 / EN 62040-2					
Size (WxDxH) mm		257 x 530 x 570			257 x 690 x 715		
Weight (net/gross) kg		85/95	90/100	104/114	109/119	124/134	129/139

KEY POINTS... RECAP:

- 1 - UPS VANGUARD is the maximum protection possible for any load in any application market
- 2 - It ensures always high performance
- 3 - It offers all the communication interfaces you might need
- 4 - It features every kind of connection for the power outputs, communication ports and management through the software

- 5 - It has low recharge time
- 6 - Its autonomy can be expanded with Battery Packs
- 7 - It has a wide range of available customizations
- 8 - It can be used with specific customized versions, for MT cabins applications, according to CEI016/021
- 9 - It is also available with three-phase input/single-phase output (8-10kVA)