

ZGR STEADY 1000-1500-2000 VA

LINE-INTERACTIVE UPS



ZGR STEADY is the range that improves the control and power reliability of your critical devices.

ZGR STEADY series offers an UPS solution with high efficiency level and confidence for all critical devices that need continuity and reliability in the power supply. They have very compact tower format to save space in server rooms, small offices and household use.

Likewise, the technology provided is Line-interactive through AVR technology and managed by microprocessor. It allows eliminating electrical grid fluctuations and keeps output voltage stable with pure sinewave, which is the best quality to power all types of loads, even the most sensitive to small power outages.

Thanks to AVR a lower use of the batteries is obtained, increasing their useful life and their availability to 100 % in case of intervention.

Its pure sine waveform output reduces the cost of complex filters and the electromagnetic interference (EMI).

For an intuitive use, it has a LCD display with all the information (input / output voltage, % of charge, % of battery, ...) and also, it has connectivity via USB interface with HID protocol, for use with monitoring software.



APPLICATIONS



DOMESTIC USE



PLUG & PLAY

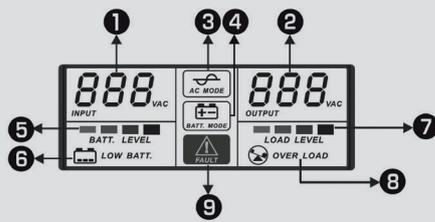


IEC PLUG

CHARACTERISTICS

- » Available powers 1000 / 1500 / 2000 VA
- » Pure sinewave allows you to connect equipment that is not exclusively intended for the IT sector, so the range of uses is extended
- » Automatic restart after electrical grid failure
- » Output stabilization with AVR system and EMI filters for the suppression of interference from the grid
- » Cold Start function in mains absence
- » LCD display
- » IEC sockets and adapter wire included
- » Communications: RS232 and USB
- » Monitoring and control software off (shutdown)
- » Self-diagnosis for battery and UPS operating state
- » Compatible with APFC equipment power without non power factor correction

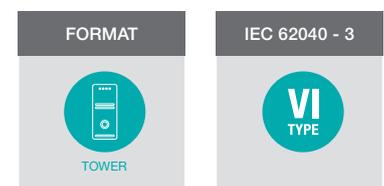
ZGR STEADY LINE-INTERACTIVE UPS



- 1 - Input voltage
- 2 - Output voltage
- 3 - Online mode
- 4 - Battery mode
- 5 - Battery level
- 6 - Battery low alarm
- 7 - Load level
- 8 - Overcharge alarm
- 9 - General alarm

TECHNICAL SPECIFICATIONS			
Model	ZGR STEADY 1000	ZGR STEADY 1500	ZGR STEADY 2000
Power	1000VA / 700W	1500VA / 1050W	2000VA / 1400W
INPUT ELECTRICAL CHARACTERISTICS			
Voltage range	162 - 290 Vac (allows use with generators) single phase		
Frequency	50 / 60 Hz \pm 10 %		
OUTPUT ELECTRICAL CHARACTERISTICS			
Nominal voltage	220 / 230 / 240 Vac single phase		
Frequency (battery mode)	50 / 60 Hz \pm 1 %		
Waveform (battery mode)	Pure sinewave		
Transfer time	Typical 2 - 6 ms / 10 ms max		
BATTERY			
Type / Capacity	2x 12V / 7 Ah	2x 12V / 9 Ah	2x 12V / 9 Ah
Charge time	6 - 8 h / 90 %		
Protection	Overload and deep discharge		
Autonomy	10 mins (depends on consumption and battery status)		
MONITORING			
Informative	LCD display		
Alarms	Acoustics depending on alarm		
Software	Windows / Linux / MAC		
CONNECTIONS			
Input	1 x IEC		
Output	4 x IEC	6 x IEC	6 x IEC
Protection	Modem / LAN RJ45		
Communication	USB and RS232 (software monitoring)		
FUNCTIONS			
On/OFF with battery (Cold Start)	Yes (allows UPS to run without mains power)		
Auto Restart	Yes (restarts UPS functions after a failure or deep battery discharge)		
ENVIRONMENTAL AND MECHANICAL CHARACTERISTICS			
Cooling	Natural convection	Fan	
Operation temperature	0 - 40 °C		
Noise level (at 1 m)	< 45 dB		< 55 dB
Relative humidity	0 - 95 % without condensation		
Dimensions (WxHxL)	148 x 160 x 350 mm	158 x 198 x 380 mm	158 x 198 x 380 mm
Weight approx.	8,6kg	11,5kg	12,3kg
STANDARDS			
Marking	CE		
Directives	Low voltage directive: 2014/35/EU, EMC directive: 2014/30/EU		
Standards	Safety: EN 62040-1, EMC: EN 62040-2, Accordance: EN 62040-3		

* Green Power design that minimizes self consumption during normal operation.
 * Battery charging system even with the UPS turned OFF.
 * These specifications may change without notice.



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