

# ZGR OPTIME 600-800 VA

## UPS LINE-INTERACTIVE

The range **ZGR OPTIME** provides protection against overvoltage and transients surge of the power grid thanks to the latest digital technology

The ZGR OPTIME series is the compact version managed by microprocessor and with LCD screen that provides real-time information of grid voltage and battery status.

ZGR OPTIME keeps your devices powered with a simulated sine wave long enough to eliminate small power failures.

The use of standard Schuko sockets avoids the need for additional adapter wires.

In addition, the connected equipment will be protected against mains surges, while the data lines (Internet / Telephone / Fax) are provided with protection against transients.



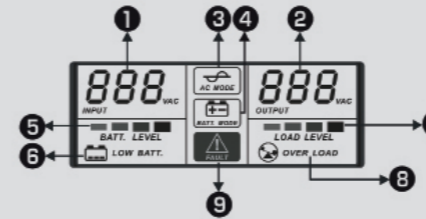
### Applications



### Characteristics

- Automatic restart (once the battery is discharged and mains return)
- Output stabilization with AVR technology and EMI/EMC filters for interference suppression
- Cold Start and Auto Restart function
- With LCD display for easy reading mains voltage and battery status
- Fast charge function
- Self-diagnosis of the operating state of battery and UPS
- High battery reliability with microprocessor battery status monitoring
- Schuko sockets to avoid adapter wires
- USB monitoring and control software
- Plug and Play System

### Display



- 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 OPTIME 800
Power	800VA / 480W

### INPUT ELECTRICAL CHARACTERISTICS

Voltage range	162 - 290 Vac (allows use with generators) single phase
Frequency	50 / 60Hz ± 10 %

### OUTPUT ELECTRICAL CHARACTERISTICS

Nominal voltage	220 / 230 / 240 Vac ± 10 % single phase
Frequency (battery mode)	50 / 60 Hz ± 1 %
Waveform (battery mode)	Simulated sine
Transfer time	Typical 2 - 6 ms / 10 ms max

### BATTERY

Type / Capacity	1x 12V / 7Ah	1x 12V / 9Ah
Charge time	6 - 8 h / 90 %	
Protection	Overload and deep discharge	
Autonomy <sup>(1)</sup>	5 mins (depends on battery consumption and state)	

### MONITORING

Informative	LED + LCD display
Alarms	Acoustics depending on alarm
Software	Windows / Linux / MAC

### CONNECTIONS

Input	1x IEC
Output	2x Schuko
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	
Operation temperature	0°C ~ +40°C	
Noise level (at 1 m)	< 45 dB	
Relative humidity	0 - 95 % without condensation	
Dimensions (WxHxL)	101 x 142 x 298 mm	101 x 142 x 298 mm
Weight approx.	4.3 kg	4.7 kg

### 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

<sup>(1)</sup> Commercial autonomy. The autonomy can vary widely depending on the applied consumption. Contact us for customized autonomies. These specifications may change without notice



Green Power design that minimizes self consumption during normal operation  
Battery charging system even with the UPS turned OFF

