

# LINE INTERACTIVE SINEWAVE

# UPS EXA 1.1-1.5-2.2-2.6-3.2



## Use

Personal Computer, Workstation,  
Local Area Networks (LAN), Home Theatre,  
TV, HI-FI, Console videogames,  
Pellet stove, Fireplace heating systems,  
Home heating system

## Protection

- Blackout
- Dynamic Undervoltage
- Dynamic Overvoltage
- Undervoltage
- Overvoltage

## Main specification

- LCD Display
- Automatic Voltage Regulation circuit (AVR)
- Sinewave output
- Output socket for blackout protection
- Output sockets for overvoltage protection (only for EXA 1.1-1.5-2.2)
- Reduced weight and dimensions
- Low noisiness
- Easy installation
- UPS management software UPSILON 2000 (compatible with WINDOWS, UNIX, LINUX, etc.)
- Telephone/modem protection by RJ11 plug



REFURBISHED  
COMPONENTS



## Details



UPS EXA



UPS EXA 1.1  
UPS EXA 1.5  
UPS EXA 2.2



UPS EXA 2.6  
UPS EXA 3.2

- 1 - LCD
- 2 - On/off button
- 3 - Output socket with blackout protection
- 4 - Filtered output socket
- 5 - Input socket
- 6 - Input fuse
- 7 - RJ11 port
- 8 - USB port
- 9 - RS232 port



The Exa UPS are designed with the innovative Eco Power System which permits to reduce consumption and increase the battery charge efficiency. This way the UPS functions are completely operated through the microprocessor using up to 50% less energy respect to traditional battery chargers.

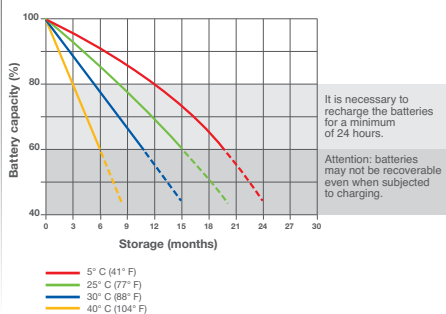


### Specification

UPS Model	EXA 1.1	EXA 1.5	EXA 2.2	EXA 2.6	EXA 3.2
Code	FGCEXA1K1	FGCEXA1K5	FGCEXA2K2	FGCEXA2K6	FGCEXA3K2
Nominal power	1100 VA	1500 VA	2200 VA	2600 VA	3200 VA
Active power	550 W	750 W	1100 W	1300 W	1600 W
Power factor	0.5				
Technology	Line Interactive with stabilizer				
Cooling	Natural				
Audible noise	< 40 dBA at 1 m				
Dimension (UPS) WxHxD	14,5x21,5x36 cm			14,5x21,5x43 cm	
Dimension (with packing) WxHxD	23x31x42,3 cm			23x31x48,9 cm	
Weight	14,5 Kg	15,5 Kg	16,5 Kg	18,5 Kg	19,5 Kg
Equipped with	2 output cables (IEC type)				
<b>Input</b>					
Number of phases	1Ph+N				
Nominal voltage	Single-phase 230Vac				
Input voltage range	+20%/-25%				
Nominal frequency	50/60 Hz (automatic selection)				
Input frequency range	+/-10%				
<b>Output</b>					
Number of phases	1Ph+N				
Nominal voltage	Single-phase 230Vac				
Voltage regulation (Line mode)	VR (Automatic Voltage Regulation)				
Voltage regulation (Battery mode)	+/-5%				
Frequency	50/60 Hz (automatic selection)				
Inverter waveform	Sinewave				
Overload capability	110% for 60 s; 110-120% for 30 s; >120% for 20 ms				
Transfer time	2 ms (typical)				
Outlets	3 UPS outputs (IEC 320 - C13 type) + 1 only filtered output (IEC 320 - C13 type)			4 UPS outputs (IEC 320 - C13 type)	
<b>Battery</b>					
Type	Lead acid, sealed, maintenance free				
Batteries number	2 (internal)			3 (internal)	
Battery charge time (typical)	4 hours				
Nominal battery voltage	24Vdc			36Vdc	
Battery specification	12Vdc - 7Ah			12Vdc - 8Ah	
Backup time (typical)	12 min	10 min	8 min	6 min	
<b>Interfacing</b>					
Interface (communication ports)	RS232 e USB				
Software	UPSILON 2000, upgradeable free from <a href="http://www.tecnoware.com">www.tecnoware.com</a> (compatible with WINDOWS, UNIX, LINUX, ecc.)				
Telephone/modem line protection	RJ11				
<b>Environmental specification</b>					
Storage temperature	From -15 to 40 °C (for UPS with battery inside, see "UPS (with batteries) storage" graphic)				
Working temperature	From 0 to 40 °C (reccomended from 20 to 25 °C, for longer battery life see "UPS Battery life in operating conditions" graphic)				
Humidity	< 95% without condensation				
Maximum altitude	3000 m				
IP protection	IP20				
Certifications	CE (Standards: Low Voltage Directive IEC EN 62040-1; EMC Directive IEC EN 62040-2; classification IEC EN 62040-3)				
<b>Warranty</b>					
Standard	24 months electronic parts and 24 months batteries				
Extensions	Optional				

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UPS (with batteries) storage



UPS Battery life in operating conditions

The higher is the temperature of the environment in which the UPS works, the shorter is the battery life.

