



## PC & IT systems for SMEs

# X1<sup>EX</sup> 500 to 2000 VA

**X1 EX UPS range was designed to protect personal computers and small business IT systems against power supply problems and dangerous electrical disturbances.**



**X1 EX- 500 / 700 / 1000**



**X1 EX-1250**



**X1 EX-1600 / 2000**

### Ideal protection

In the event of short or prolonged power cuts, the X1 EX's batteries ensure that your connected hardware continues to be supplied with power for several minutes enabling applications to be closed and the PC to be turned off.

### Effective technology

Equipped with Line Interactive technology and Automatic Voltage Regulation, X1 EX ensures your connected devices are supplied with a high quality, regular current during major fluctuations without using the batteries.

### Energy saving functions:

#### - Green Energy Saver:

If none of the loads connected are ON and the UPS switches to battery mode, it will automatically stop after 5 minutes so as not to needless drain battery power (500/700/1000 VA models).

#### - Automatic battery charge when UPS OFF:

The battery automatically recharges when there is mains power and the UPS is OFF. This function ensures that when connected devices are not in use and the UPS is OFF, batteries continue charging.

#### • Designed for ease of use

- Single ON/OFF switch.
- 1 indicator light (500/700/1000 VA models) or several indicator lights (1250/1600/2000 VA models) as well as audible alarms indicate status of the UPS.
- Cold start feature if no power supply.
- UPS automatic restart when mains power restored.



**PC & Mac**



**Line Interactive Technology**



**2 to 4 Schuko/FR outlets**  
(or optional universal outlets)



**USB communication port (optional)**



**Up to 40 mn backup time\***

\* Depending on model and connected load





# 500 to 2000 VA

- 1/ Power integrated input cable
- 2/ UPS protected outlets
- 3/ Input breaker
- 4/ USB communication port (optional)
- 5/ IEC input outlet
- 6/ Fuse



X1 EX-500	X1 EX-700	X1 EX-1000	X1 EX-1250	X1 EX-1600	X1 EX-2000
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## GENERAL CHARACTERISTICS

Technology	Line Interactive with Automatic Voltage Regulation					
Power	500 VA	700 VA	1000 VA	1250 VA	1600 VA	2000 VA
Power factor	0,5	0,5	0,5	0,5	0,56	0,6
Schuko/FR <sup>1</sup> protected UPS outlets	2	2	2	4	4	4

## PROTECTION & FILTERING

Output form	Modified sinewave					
Protection	Discharge / overcharge / overload					
Input protection	Breaker			Fuse		

## PHYSICAL CHARACTERISTICS

Dimensions D x W x H (mm)	279 x 101 x 142			350 x 146 x 160	397 x 146 x 205	
Net weight (kg)	3,55	4,2	4,9	8,3	11,1	12

## INPUT TECHNICAL CHARACTERISTICS

Voltage	[110/120 VAC] or [220/230/240 VAC]*					
Voltage range	[81/145 VAC] or [162-290 VAC]					
Frequency	50/60 Hz (auto sensing)					

## OUTPUT TECHNICAL CHARACTERISTICS

Voltage	[110/120 VAC] or [220/230/240 VAC]*					
Automatic Voltage Regulation (battery mode)	± 10 %					
Frequency	50 or 60 Hz ± 1Hz					
Crest ratio	3:1					
Output current (A)	4,2	5,4	8,3	10	12,5	16,7

## BATTERY

Battery charger	Operates when UPS is connected to mains					
Cold start (no mains)	yes	yes	yes	yes	yes	yes
Battery type	12V/4,5AH	12V/7AH	12V/9AH	12V/7AH	12V/9AH	12V/9AH
Number	1	1	1	2	2	2
Recharging voltage	13.7 Vdc			27.4 Vdc		
Recharging time	4 to 6 hours to 90% after complete discharge					
Backup time (1 PC)	From 8 to 40 min.					

## INDICATORS

Indicators	1 LED	3 LEDs	6 LEDs
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## AUDIBLE ALARMS

Battery mode	Sounding every 10 seconds
Low battery mode	Sounding every second
Overload	Sounding twice every second
Battery replacement	Sounding every 2 seconds
Fault	Continuously sounding

## COMMUNICATION

USB communication port	optional USB
Logiciel	InfoPower

## ENVIRONMENT

Ideal environment	0-40°, 0-90% of relative humidity (without condensation)
Noise level	<40 dB

## NORMS

Standard	CE RoHS
(EMC) Electromagnetic Compatibility	EN62040-2:2006, EN61000-4-2:2009, EN61000-4-3:2006+A1:2008+A2:2010, EN61000-4-4:2004+A1:2010, EN61000-4-5:2006, EN61000-2-2:2002
Low voltage (safety)	EN60950-1:2006+A11:2009+A1:2010, EN62040-1:2008

## INFORMATIONS COMMERCIALES

Warranty	2 years					
Gencods - standard models	3700085 65953 3	3700085 65954 0	3700085 65955 7	3700085 65956 4	3700085 65957 1	3700085 65958 8
Gencods - models equipped with USB port	3700085 65962 5	3700085 65963 2	3700085 65964 9	3700085 65959 5	3700085 65960 1	3700085 65961 8

## Connection and backup

2 Schuko/FR<sup>1</sup> protected UPS outlets for 500/700/1000 VA models

4 Schuko/FR<sup>1</sup> protected UPS outlets for 1250/1600/2000VA.

The range is also available with non CE universal outlets.

Protected UPS outlets offer up to 40 minutes backup time (connected load : 1 PC).

USB communication port (optional) enables the UPS to be operated remotely from a PC and to use automatic shutdown. Free download from website : [www.infosec-ups.com](http://www.infosec-ups.com)

<sup>1</sup> To use with FR/Schuko CEE /7-7 plugs.

## Package content

X1 EX 500/700/1000/1250 : 1 integrated input cable 2P+T (FR/Schuko) and a trilingual user manual (FR / GB / AR)

X1 EX 1600/2000 :  
1 input cable 2P+T (FR/Schuko)/IEC-C13 and a trilingual user manual (FR / GB / AR)



## Warranty

2-year warranty against manufacturing defects under normal conditions and compliance with precautionary measures.

Warranty to be taken out on [www.infosec-ups.com](http://www.infosec-ups.com) withing 10 days of purchase.



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\* Low voltage (110V) and High voltage (230V) are different products.