



L'Énergie Sans Limite !
Safe Energy for Life !



IT systems for SMEs

X1 EX

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.

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 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*
*Except iMac 27"



Line Interactive Technology



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

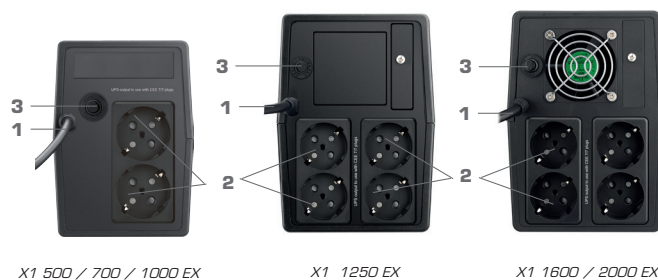


Up to 45 mn backup time*

* Depending on model and connected load

CONNECTION

1. Power integrated input cable
2. UPS protected outlets
3. Input breaker



X1^{EX}

500 to 2000 VA

TECHNICAL CHARACTERISTICS

GENERAL CHARACTERISTICS

	Line Interactive with Automatic Voltage Regulation					
Technology						
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 ¹ protected UPS outlets	2	2	2	4	4	4

PROTECTION & FILTERING

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

PHYSICAL CHARACTERISTICS

Dimensions D x W x H (mm)	300 x 101 x 142			320 x 130 x 182		
Net weight (kg)	3,7	4,4	5	8,2	10,4	11

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					
Recharging voltage	13.7 Vdc			27.4 Vdc		
Recharging time	4 to 6 hours to 90% after complete discharge					
Backup time (1 PC)	8 min.	12 min.	20 min.	30 min.	40 min.	45 min.

INDICATORS & ALARMS

Indicators	1 LED
Alarms	Battery mode, low battery mode, overload, battery replacement, fault

ENVIRONMENT

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

NORMS

Standard	CE RoHS
(EMC) Electromagnetic Compatibility	EN 62040-2:2006 ; EN 62040-2:2006 ; EN 61000-3-2:2014 ; EN 61000-3-3:2013 ; EN 61000-4-2:2009 ; EN 61000-4-3:2006+A1:2008+A2:2010 ; EN 61000-4-4:2012 ; EN 61000-4-5:2014 ; EN 61000-4-6:2014 ; EN 61000-4-8:2010 ; EN 61000-4-11:2004 ; EN 61000-2-2:2002
Low voltage (safety)	EN 62040-1:2008+A1:2013

INFORMATIONS COMMERCIALES

Warranty	2 years					
PN - standard models	65953	65954	65955	65956	65957	65958
PN - models equipped with USB port	65962	65963	65964	65959	65960	65961

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

Connection

2 Schuko/FR¹ protected UPS outlets for 500/700/1000 VA models

4 Schuko/FR¹ protected UPS outlets for 1250/1600/2000VA.

USB communication port (optional) enables the UPS to be operated remotely from a PC and to use automatic shutdown. Free download from our website .

¹ 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)
- 1 trilingual user manual (FR / GB / AR)

X1 EX 1600/2000 :

- 1 input cable 2P+T (FR/Schuko)/IEC-C13
- 1 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 our website within 10 days of purchase.



Infosec Communication

15 Rue du Moulin
44880 SAUTRON - FRANCE

Sales contact
Tél : 02 40 76 11 77
sales@infosec.fr

www.infosec-ups.com



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