



L'Énergie Sans Limite !
Safe Energy for Life !



Mod5T
From 20 to 600 kVA

Data Centers, Critical applications

Mod5T and Mod5T E are the most reliable and suitable UPS for the most critical and demanding equipment. Their modular design makes them highly receptive, flexible, economical and easy to maintain.

Modular solutions from 20 to 600 kVA : the most reliable protection.

Mod5T and Mod5T E modular technology is key in terms of **optimizing redundancy capabilities** that this design offers. Indeed, in case of shutdown or maintenance work on one of the modules, **the load is automatically and instantly distributed to other available modules**: the equipment thus remains fully protected and powered, **even with just one UPS!**

In addition, the dual power supply system of Mod5T range (Dual Input) perfectly suits to the needs of the most demanding configurations as it allows the configuration of a second source of backup power such as a generator for example.



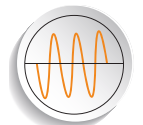
Gamme Mod5T E

A range with many advantages:

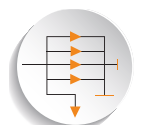
- Modular solution up to 600 kVA
- **Redundant** power protection (N + X) with backup time
- Optimal performance
- **Flexible** and **scalable** architectures
- Total cost of ownership (**TCO**)
- Management and intuitive configuration
- **Low MTTR**: easy and safe maintenance
- Compact format occupying little floor space

THE IDEAL SOLUTION FOR HIGHLY SENSITIVE APPLICATIONS

- DATA CENTERS
- VITAL INFRASTRUCTURE (banking, health, telecommunications)
- MAJOR INDUSTRIES
- GOVERNMENTAL AUTHORITIES



On Line Double
Conversion Technology



Redundancy N + X



High efficiency



Configurable
for long backup time

AN ADEQUATE SOLUTION FOR THE MOST DEMANDING REQUIREMENTS

High efficiency and performance.

The Mod5T and Mod5T E ranges fuse the very best of UPS in terms of rectifier, filter, charger, inverter, controller to ensure the best efficiency and performance possible. Mod5T ensures **96% high overall performance of even at low load of 50% and less than 3% input harmonic distortion rate.**

The Mod5T and Mod5T E ranges are equipped with On Line Double Conversion High Frequency Technology, which provides the best level of security. **Power is continually delivered by the UPS, which additionally guarantees constant voltage without interference.** The critical applications which require protection are perfectly powered because they are **independent from the mains.** The switching time is zero, avoiding brownouts.

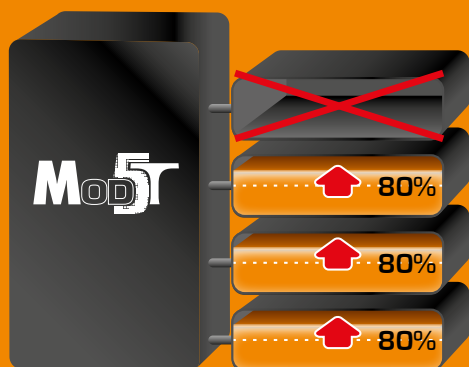
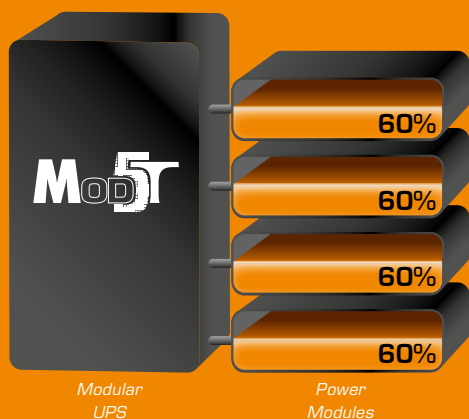
Redundancy N + X

The modular UPS are ideal for applications, the tasks of which are essential. Redundancy ensures optimum continuity of services: in case of failure of a power module, power is distributed over the other modules.

REDUNDANCY N+X

“N”: the number of modules to provide the desired power.

“X”: the number of modules to provide security in the case where a module “N” has failed.



In the instance where one of the power modules stops working, other modules share the load of the failed module.



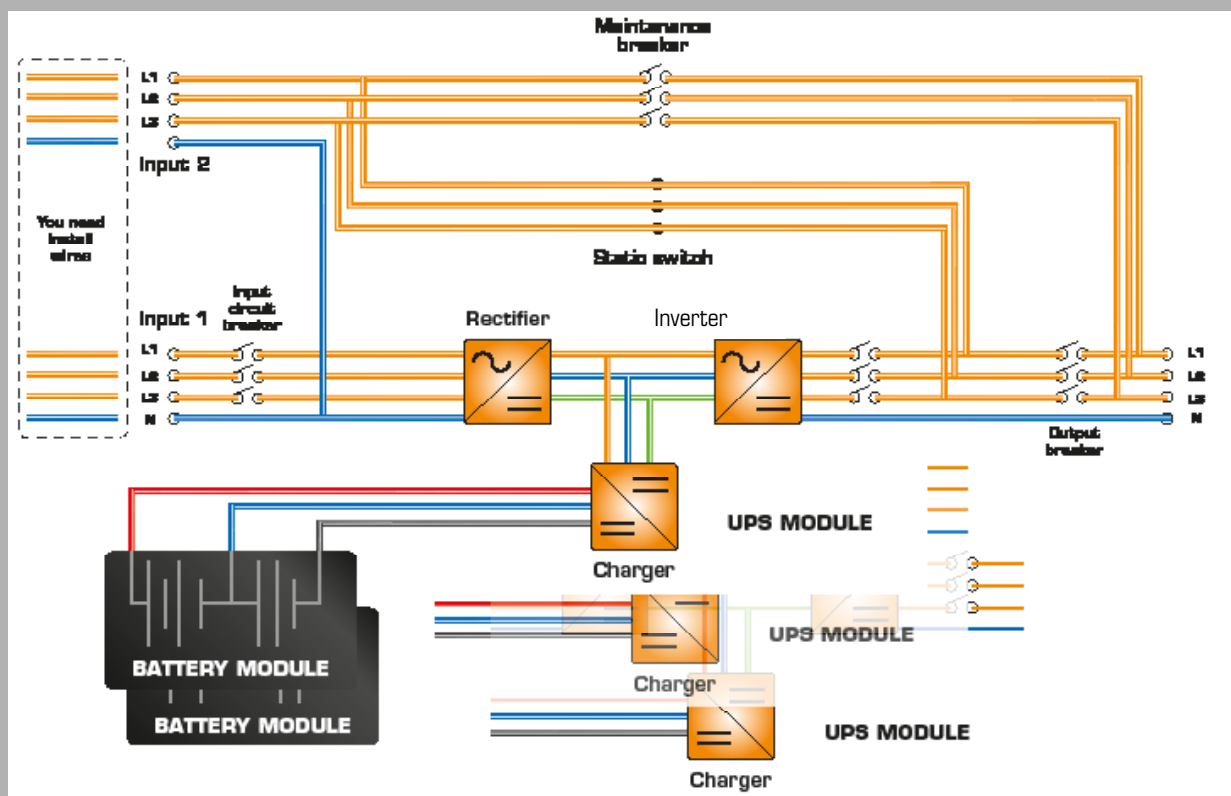
Static bypass and manual bypass.

Its **dual power supply network with independent rectifier and by-pass** is appropriate for use in facilities running separate redundant network systems with generator systems (hospitals, airports, train stations, supermarkets, cold chains, etc.).

In this way, the critical load can be powered by a second source supplying the by-pass circuit, should the main source fail for a lengthy period (see details in the specifications table).

Mod5T

Diagram of
Dual Input
System of Mod5T
up to 210 kVA



DOUBLE NETWORK CRITICAL LOAD



Flexible and scalable solution.

- The modular Infosec range consists of, on one hand, **Mod5T UPS, a high-end solution** for the most demanding facilities and environments, and, on the other hand, the **Mod5T E UPS, an optimized modular solution for performance/maximum investment**. Scalable, the Infosec modular UPS enable configurations from 20 kVA to 600 kVA with the power divided into **hot swappable power modules** modules of 20 kVA, 30 kVA or 60 kVA modules.
- The modular range can be configured in parallel. By configuring two UPS in parallel, the power and redundancy of the solution is increased for maximum security. The parallel function is integrated as standard until 600 kVA.
- Many backup time extension solutions are possible depending on the power and size of the UPS. The extension can be completed:
 - Either by adding battery modules in the existing cabinet
 - Either by adding one or more additional external battery cabinets containing multiple battery modules.

FLEXIBLE & SCALABLE range

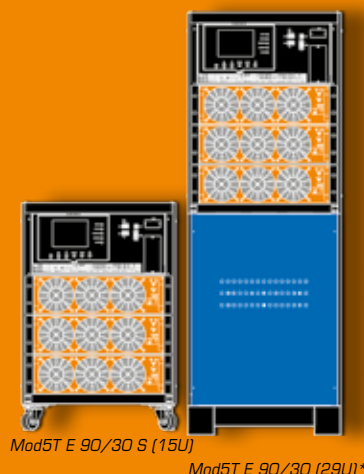
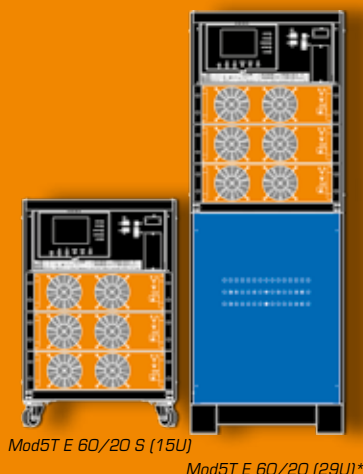
MOD5TE

ECONOMIC SOLUTION

The Mod5T E range is available in a single 15U cabinet for up to 3 power modules of 20 kVA or 30 kVA. It is possible to combine a 14U cabinet dedicated to battery modules that can be attached below the power cabinet to provide a compact 29U unit.

15U or 29U cabinet configuration/20 and 30 kVA power modules

15U cabinet configuration



29U cabinet configuration

The Mod5T cabinets are available in 2 versions: 30U or 42U with power modules of 20 kVA, 30 kVA or 60 kVA.

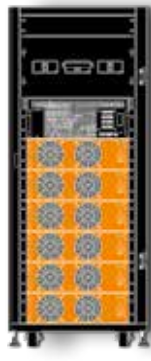
They are equipped as standard with LCD screen, a removable protective door, wheels and feet for easy transport and installation.

30U cabinet configuration

20 kVA power modules

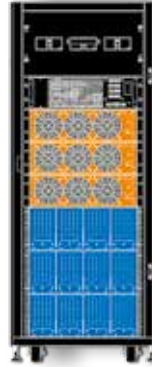


Mod5T 80/20 S



Mod5T 120/20 S

30 kVA power modules



Mod5T 90/30*

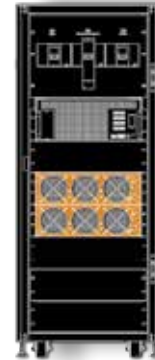


Mod5T 120/30 S

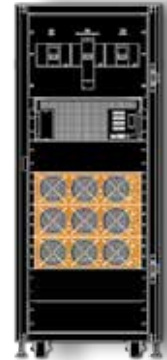


Mod5T 180/30 S

60 kVA power modules

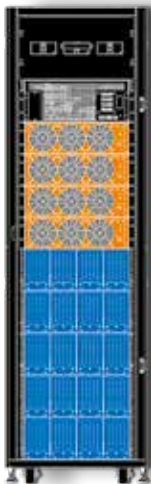


Mod5T 120/60 S



Mod5T 180/60 S

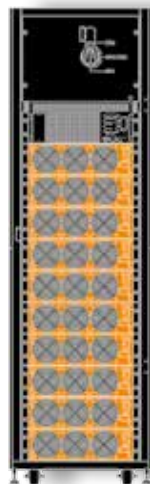
30 kVA power modules



Mod5T 120/30*



Mod5T 210/30 S



Mod5T 300/30 S

20 kVA, 30 kVA or 60 kVA power modules

Battery modules

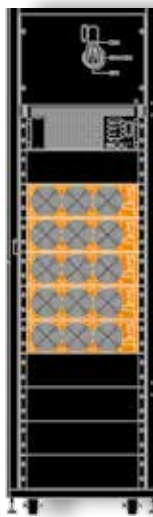
*Exist without batteries

42U cabinet configuration

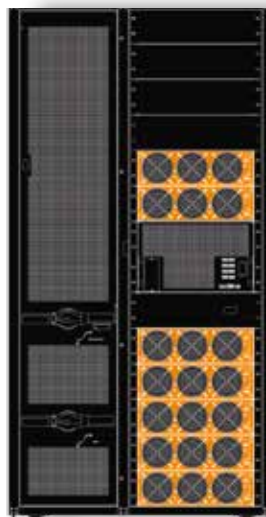
60 kVA power modules



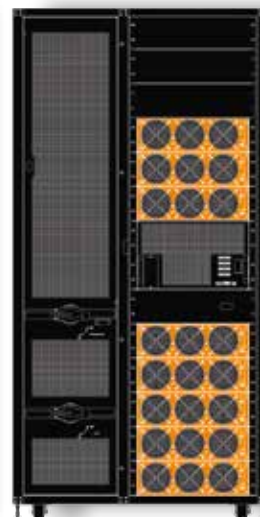
Mod5T 240/60 S



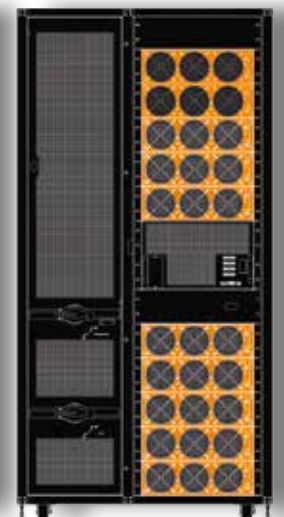
Mod5T 300/60 S



Mod5T 420/60 S



Mod5T 500/60 S



Mod5T 600/60 S

OVERVIEW OF MOD5T UPS



① 20 kVA, 30 kVA or 60 kVA power module

The power modules are available in 20 kVA, 30 kVA or 60 kVA. Each module consists of an 20A max battery charger and has its own controller which ensures full module backup time in all circumstances (maintenance, fault).



② Battery Module

Each battery module consists of 4 battery trays (10 batteries per battery tray). The number of battery modules can be freely varied according to the backup time requirements of the load to be protected to satisfy the most specific time requirements. It is also possible to adjust the number of batteries from 8 to 10 per battery tray.



③ Breakers

Set of input, output and manual By Pass circuit breakers.

④ Graphic LCD control panel

Multilingual LCD screen to monitor the operation of the UPS.

⑤ STS/Control Module (Static Transfer Switch)

STS enables control of the UPS by communicating with the LCD screen, power modules, and communications ports. It also serves a role as a static switch function (By Pass).



CONFIGURATION AND MANAGEMENT OF THE SOLUTION

Locally

The LCD screen and the Mod5T and Mod5T E control buttons provide simple and effective access to various key information from the UPS. The LCD screens of the Mod5T and Mod5T E are bilingual (FR/EN).



5,7" LCD screen



10" LCD touch screen

INFOPOWER CONTROL SOFTWARE PROVIDED AS STANDARD

- Automatic closing of files during a mains failure: data preservation of all the computers in a computer network
- Intuitive graphic interface: to view the system status, the various measures, historical events ...

Via the network

- The dry contacts relay interface integrated as standard enables remote transmission of information on the status of the UPS or the alarms (for a central technical management system for example) (optional for Mod5T E).
- The USB or RS 232 port enables the use of IT infrastructure communication protocols, data centers and telecommunications networks.
- An SNMP Modular location enables the addition of an SNMP agent (optional) in order to manage and control remotely over the network or the Web UPS and power supply.

REMOTE Control

OPTIONS

SNMP card for virtual server

Using the SNMP agent facilitates local and multi-site management of the UPS and network power supply owing to the following features:

- Connection to the Ethernet network and identification by IP address
- Extinction configuration and programming and restart of the system on a weekly (or other) basis ...
- Local or remote UPS configuration



SNMP vm Minislot Agent

SNMP vm Minislot agent facilitates the management of the UPS in network and virtual environments (vmWare®, Hyper V, etc.). The UPS can be identified by a fixed IP address. Combined with the UPS Management software solution, it allows to control the start and shutdown of virtual servers and their associated devices.



Temperature sensor

This environmental condition identification sensor relative to the inverter enables remote monitoring of the temperature and humidity of the local UPS. This sensor works by connecting to the SNMP card, and can also receive dry contacts, making it compatible with security and alarm systems (intrusion sensor, for example).



Programmable communication card

A programmable communication card can be added to enable insertion of a second SNMP slot, RS232 and programming of 6 dry output contacts and 2 dry input contacts.

10" LCD screen

A 10" LCD touch screen allow ease of use and more user-friendly UPS management for models with 20 and 30 kVA modules (standard for Mod5T with 60 kVA power modules).



Mod5T



Mod5T E



BACKUP MODULES

In order to benefit from a prolonged backup-time in demanding environments, external backup modules are available:

- 3 for Mod5T models (one of 30U and two others of 42U)
- 1 for Mod5T E models (14U)

	Backup module Mod5T (30U) with batteries*	Backup module WOB Mod5T (30U) without batteries*
Reference	67712	67718
Number of trays	28 trays max (10 batt max per tray)	28 trays max
Dimensions - HxWxD (mm)	1100 x 600 x 1475 (30U)	1100 x 600 x 1475 (30U)
Net weight - kg (battery bank)	1003 (with max number of batteries)	149

	Backup module Mod5T (42U)	Backup module WOB sMod5T (42U)
Reference	67713	67719
Number of trays	40 trays max (10 batt max per tray)	40 trays max
Dimensions - HxWxD (mm)	1100 x 600 x 2010 (42U)	1100 x 600 x 2010 (42U)
Net weight - kg (battery bank)	1440 (with max number of batteries)	220

	Backup module Mod5T (42U)	Backup module WOB Mod5T (42U)
Reference	67714	67720
Battery type & number max	40 Batteries of 100Ah	40 Batteries of 100Ah
Dimensions - HxWxD (mm)	1100 x 600 x 2010 (42U)	1100 x 600 x 2010 (42U)
Net weight - kg (battery bank)	1495 (with max number of batteries)	215

	Backup module Mod5T E (14U)	Backup module WOB Mod5T E SB (14U)
Reference	67715	67721
Number of trays	12 trays max (10 batt max per tray)	12 trays max
Dimensions - HxWxD (mm)	1000 x 515 x 761 (14U)	1000 x 515 x 761 (14U)
Net weight - kg (battery bank)	407 (with max number of batteries)	83

* Backup modules are delivered assembled but with the batteries separate

APPLICATIONS

Data Centers

Data processing centers are strategic and essential to the company. Thanks to the age of virtualization they are key players for the companies: their mission is essential and their servers run continuously. Therefore, in order to maintain the competitiveness and performance of these facilities, INFOSEC recommends its **range of modular UPS systems to ensure an unflinching continuity of service**. Infosec's modular solutions enable operators of these treatment centers to **improve the efficiency of their equipment, in order to offer a more secure response to their clients needs**.



Infrastructures

IT infrastructures, now increasingly vital to company function, have an increased security requirement because their operation must be continuous and not suffer any unexpected outage. This is the case for among others health, transport or To meet these demanding requirements, Infosec's modular UPS systems **can protect and ensure a continuous power supply to their sensitive equipment**.

The advantages of **Mod5T and Mod5T E** are multiple: advanced technologies, redundancy, energy performance and flexibility...



Industrial equipment

Production lines using equipment that cannot endure a power failure, including brownouts, have a critical need of power protection. Industries are also directly affected by the ongoing need to have access to an uninterrupted power supply.

The adaptability of the **Infosec modular range** to all types of loads even the most difficult (inductive, capacitive, non-linear, discharge lamps, induction motors ...) and its high yield make it the **ideal solution to provide power and the continuity of activities and services for all kinds of industrial applications**.



Finance and telecommunications sectors

Through the generalization of online financial transactions, or the growth of telecommunications, these sectors require a secure and reliable power supply to guarantee uninterrupted operations. **Mod5T and Mod5T E UPS devices can provide the backup required to avoid forced outages**. In addition the effective communication systems of **this UPS allow 24/7 remote monitoring, ensuring an immediate response in the event of a problem or failure on the network**.



SERVICES & TECHNICAL SUPPORT

Pre-sales and after-sales services provide an appropriate solution to your needs to ensure the durability, reliability and availability of your UPS.



Technical requirements & pre-installation assistance

A needs pre-qualification questionnaire will help validate the technical choices and options selected for each installation configuration. Our technical sales team can be consulted for the most complex issues.



Installation, testing, commissioning

An INFOSEC engineer or an INFOSEC certified installer will come to your site to install and start-up the UPS. A test report would be then provided.



Technical support hotline

The after-sales service can be contacted quickly by phone and/or email to answer any questions or technical queries.



Replacing the batteries

It is important to ensure the proper operation of the batteries which, after a few years of operation must be changed (between 3 and 5 years depending on the room temperature, number of charge and discharge cycles).

The batteries absolutely must be changed by a professional: only an INFOSEC engineer or approved INFOSEC engineer may intervene on request.



+33 2 40 76 15 82

hotline@infosec.fr

Hotline



Technical training

INFOSEC makes technical training available for its partners and customers :

- Training in the use subsequent to on-site commissioning.
- More comprehensive training on all INFOSEC UPS SYSTEM product lines for authorised partners.
- Technical-sales training for sales support and to calculate the size of a UPS according to the facilities to be protected.

TECHNICAL SPECIFICATIONS

Mod5T		Mod5T E S
Mod5T	Mod5T S	

GENERAL CHARACTERISTICS

Phase	3-Phase in / 3-Phase out		
Power	from 30 to 120 kVA	from 20 to 600 kVA	from 20 to 90 kVA
Power factor	1*		
Batteries	Integrated	External	External
Power module	30kVA/30kW	20kVA/20kW 30kVA/30kW 60kVA/60kW	20kVA/20kW 30kVA/30kW
Battery tray Dimensions (LxIxh) mm	1100 x 600 x 1475 (30U) 1100 x 600 x 2010 (42U) 1100 x 1200 x 2010 (42U- 420-500-600/60 S models)		1100 x 515 x 761 (15U)
Net weight (kg)	30U 227 (STS 80/20) 186 (STS 120/20) 259,5 (STS 90/30) 197 (STS 120/30) 230,5 (STS 180/30) 270 (STS 120/60) 300 (STS 180/60)	42U 274 (STS 120/30) 273 (STS 210/30) 275 (STS 300/30) 466 (STS 240/60) 510 (STS 300/60) 888 (STS 420/60) 932 (STS 500/60) 1020 (STS 600/60)	74 (STS 60/20) 77 (STS 90/30)
20kVA power module Dimension (LxIxh) mm	650 x 440 x 130 (3U)		
20kVA power module Net Weight (Kg)	34		
30kVA power module Dimension (LxIxh) mm	650 x 440 x 130 mm (3U)		
30kVA power module Net Weight (Kg)	34,5		
60kVA power module Dimension (LxIxh) mm	750 x 440 x 130 mm (3U)		
60kVA power module Net Weight (Kg)	44		
Battery tray Dimensions (LxIxh) mm	767 x 107 x 170 mm		
Battery tray Net Weight (Kg)	3,5		

INPUT

Nominal Voltage	3 x 380VAC/400VAC/415VAC (3Ph+N)
Voltage Range	305 ~ 478 VAC at 100% load ; 208 - 304VAC at <70% load
Nominal frequency	50/60Hz (Auto sensing)
Frequency range	40Hz - 70Hz
Power factor	> 0.99 at 100% load, >0.98 at 50% load
Harmonic Distortion (THDi)	< 3% @ 100% load

OUTPUT

Nominal Voltage	3 x 380VAC/400VAC/415VAC (3Ph+N)
Voltage Regulation (Steady state)	<=± 1% Typical (balanced load) <=± 2% Typical (unbalanced load)
Voltage Regulation (Transient)	<=± 5% Typical
Nominal frequency	50/60Hz
Frequency Range (Synchronized range)	46Hz ~ 54Hz ou 56Hz ~ 64Hz
Overload Capability	1 hour for 110%, 10 mins for 125%, 1 min for 150%, 200ms for >150%
Harmonic Distortion (THDv)	<= 2% THD (Linear Load) <= 4% THD (Non-linear Load) <=1% THD (linear load) <= 3% THD (non linear load) for models with 60 kVA modules
Efficiency	Up to 94.5% - 96% for Mod5T from 120 to 600/60 S

BATTERY / CHARGER

Nominal Voltage	+/- 240V (12V x 40 Pcs)
Floating Charge Voltage	2.25V/element
Boost Charging Voltage	2.35V/element
Temperature Compensation	Yes
Maximum Charging Current	6A for each 20 kVA power module (ajustable) 8A for each 30 kVA power module (ajustable) 20A for each 60 kVA power module (ajustable)

MANAGEMENT / COMMUNICATION

Communication	USB & RS232 port (supports Windows 2000/2003/XP/Vista/2008/7/8/10, Linux, Unix and MAC)
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ENVIRONMENT

Operation Temperature	0 ~ 40°C
Relative Humidity	0 ~ 95% non-condensing
Altitude**	<1000m for Nominal power
Noise level at 1 meter	75dB max. 70dB max.
IP Class	IP 20

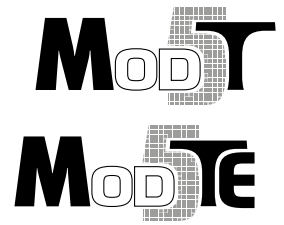
NORMS

Standard	CE RoHS
EMC (Electromagnetic compatibility)	EN62040-2:2006
Low voltage (Safety)	EN 62040 1 : 2008 + A1:2013

Product specifications are subject to change without further notice.

*When temperature is above 30°C, the output power factor will be de-rated, 0.8 at 31°C~35°C and 0.7 at 36°C~40°C.

**If the UPS is installed or used in a place where the altitude is above than 1000m, the output power must be derated one percent per 100m.



Communication and remote management solutions

USB communication ports, RS 232, SNMP and EPO

Software:

- UPS startup and shutdown programming
- Data and events recording enabling daily maintenance
- E-mail messaging service to manage UPS status at all times via the local network
- Free download on the website

Packaging Content

- Modular Cabinets
- Power modules (depending on model)
- RS-232 cable
- Bus Bar battery (models with 60 kVA modules)
- USB cable
- Manual
- Software
- Depending on the model: internal battery or external cabinet modules

Options

Designation	Réf
Modular SNMP Agent	61156
SNMP vm Minislot agent	61142
EMD (temperature and humidity sensor)	61452
Programmable communication card	67816
10" color screen (Mod5T)	67817
Additional battery cabinets	page 9

Warranty

One-year guarantee against manufacturing defects under normal conditions and compliance with precautionary measures.

Warranty to be taken out on our website within 10 days of purchase.



Maintenance contract

A Maintenance contract is highly recommended: contact hotline@infosec.fr



Infosec Communication

15, Rue du Moulin
44880 SAUTRON - FRANCE

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

www.infosec-ups.com



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L'Énergie Sans Limite !
Safe Energy for Life !



Company networks, Service industries



from 800 to 5000 VA

E3 Performance UPSs are dedicated to the electrical protection of IT networks and environments.

With high-quality sinusoidal current output and variety of connectors, they are ideal for supplying power to sensitive devices.

High-performance protection

Equipped with **microprocessor-controlled On Line Performance technology**, the E3 Performance range offers **perfect protection** to IT networks and loads. It supplies **sinewave current**, and its **high output power factor (0.9)** provides appropriate protection to servers and other IT equipment. The E3 Performance UPS guarantees uninterrupted service and the safeguarding of data in the event of a power cut.

Advantages to suit every situation

E3 Performance UPSs are **highly adaptable** thanks to their many connectors:

- 8 to 9 **protected outlets**, of which 4 are **programmable** (according to model). With the programmable outlets, strategic loads and non-critical loads can be controlled easily and independently.
- 2 **RJ45 connectors** also provide protection for the Tel/ADSL line.
- **RS232 and USB communication ports** allow remote communication with the various devices connected.

The **flexible design** of the E3 Performance allows for simplified installation according to user requirements:

- tower position
- rack position



Advantages of E3 Performance 5000 RT

E3 Performance 5000 RT is equipped with IEC outlets and a terminal block for the most powerful equipment.



On Line Performance Technology



Rack/Tower convertible



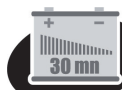
Multi-directional LCD control screen



**Communication ports
USB & RS232**



**Remote control
software**



**Backup time of up to
30 min.***

* Depending on the connected load

A SOLUTION TO SUIT EVERY NEED

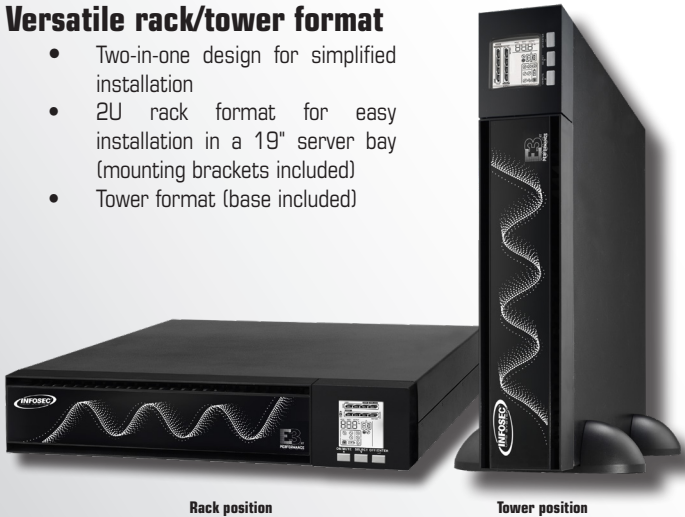
E3 Performance: the solution for IT environments

Power factor of 0.9

- Optimum output power factor 0.9
- High level of performance
- High efficiency for critical applications

Versatile rack/tower format

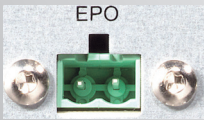
- Two-in-one design for simplified installation
- 2U rack format for easy installation in a 19" server bay (mounting brackets included)
- Tower format (base included)



Rack position

Tower position

EPO/CPAU emergency stop control



This port is dedicated to the installation of a CPAU for the safety of personnel and equipment in case of emergency. It allows the UPS to be shut down completely and immediately.

Communication

In addition to their variety of connectors, E3 Performance UPSs have:

Local control capabilities with InfoPower software (supplied as standard):

- Automatic file closure in the absence of mains power: saving the data of all the computers in a network
- Intuitive graphic interface: displays system status, the various measurements, event history, etc.

Network control capabilities via SNMP I Pro agent (available as an option):

- An SNMP slot is provided for connection of an optional SNMP agent and use of the associated software to control the UPS remotely from the network.

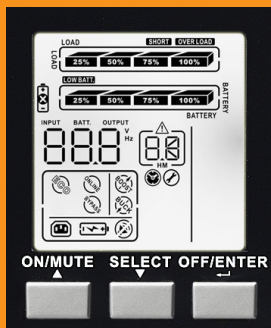
Backup extension modules

An external battery connector allows addition of battery cabinets, providing **extended backup time** that can be adjusted to suit the needs and context of each user. With the battery status displayed on the UPS screen, the solution can be controlled instantly.



User-friendly

User-friendly LCD display



- Precision and user-friendliness: status and parameter values given in real time
- Rotating LCD screen that adapts to tower configuration
- Intuitive display on front panel: direct access to UPS configuration for easier modification of operational modes

Programmable outlets

- Programmable outlets of E3 Performance provides the ability to control the different load groups easily and independently.
- The backup time on the most strategic and vital hardware is therefore favoured during a power outage, to the detriment of the non-critical hardware connected to programmable outlets.
- These outlets are easily managed via the InfoPower software.

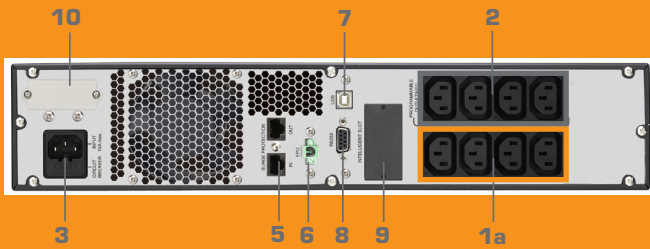
ECO operating mode for energy savings



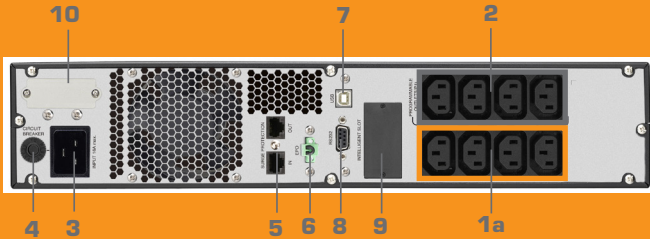
Efficiency of up to 97% equates to energy and cost savings. This operating mode delivers a static bypass power supply and offers timely return to on-line double conversion if required.

CONNECTION

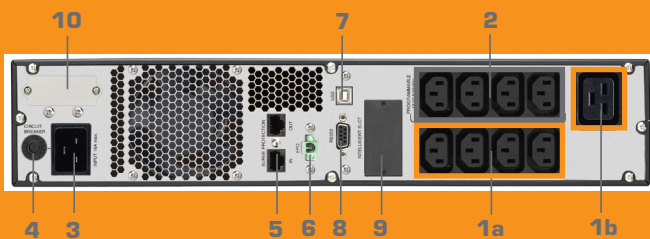
E3 Performance 800 / 1100 / 1500 RT



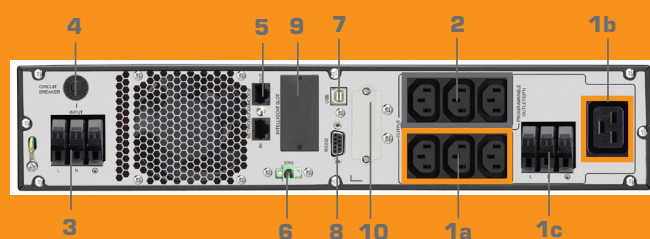
E3 Performance 2000 RT



E3 Performance 2500 / 3000 RT



E3 Performance 5000 RT



- 1 a. Standard output outlets 10A : connect to mission-critical loads
b. Standard output outlets 16A : connect to mission-critical loads
c. Terminal
- 2 Programmable outlets: connect to non-critical loads
- 3 AC input
- 4 Input circuit breaker
- 5 Tel/Network/Fax/Modem surge protection
- 6 Emergency Power Off function connector (EPO)
- 7 USB communication port
- 8 RS-232 communication port
- 9 SNMP intelligent slot
- 10 External battery connector

External Maintenance Bypass Switch (BMe)

Provides continuous power to connected equipment during a UPS's maintenance or replacement via a rotary switch

- Provides a large number of outlets for extended use
- Rack or Tower model depending on the working environment (1 to 3 kVA)
- Simple installation
- Master/Slave mode (BMe1)



BMe 1 IEC RM

BMe 1 FR RM

OPTIONS

SNMP I Pro agent

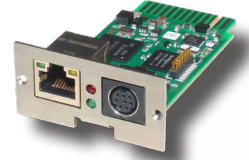
Using the SNMP I pro agent with the E3 Performance UPS devices makes it easier to manage the UPS due to its various special features:

- Connection to the Ethernet network and identification by IP address (random or fixed)
- Setting and programming a system shutdown and restart on a weekly (or other) basis
- Local or remote UPS configuration



SNMP vm Minislot agent

SNMP vm Minislot agent facilitates the management of the UPS in network and virtual environments (vmWare®, Hyper V, etc.). The UPS can be identified by a fixed IP address. Combined with the UPS Management software solution, it allows to control the start and shutdown of virtual servers and their associated devices.



Extended backup time

The E3 Performance range offers several battery extension solutions for unstable or highly disruptive environments. Different types of battery packs are available depending on the type of backup time required and the layout of the premises. The large range of battery packs are sure to meet most needs.



RS485 card

In order to make the E3 Performance range compatible with every type of business, the RS 485 card can be added as an option, allowing the E3 Performance UPS to communicate with installations using industrial protocols over large distances.

AS400 dry contact card

The AS400 communication card supplies dry contacts to get alarm reports from your UPS (e.g. centralized technical management). Depending on the application, dry contacts can be normally open or normally closed.

EMD

This detection sensor allows the remote monitoring of the temperature and humidity levels of the E3 Performance environment.

The sensor works by connecting to the SNMP card, and may also be used to send dry contacts, making it compatible with security systems or alarms.



Rack kit

Enables secure installation in a patch bay (recommended from 2000 VA).



TECHNICAL CHARACTERISTICS



from 800 to 5000 VA

GENERAL CHARACTERISTICS

Technology	On Line Performance controlled by microprocessor						
Power	800 VA / 720 W	1100 VA / 990 W	1500 VA / 1350 W	2000 VA / 1800 W	2500 VA / 2250 W	3000 VA / 2700 W	5000 VA / 4500 W
IEC standard/programmable outlets	4/4 (10 A)				4/4 (10 A) + 1 (16 A)		3/3 (10 A) + 1 (1 A) + terminal
Tel./ADSL line protection	RJ45 (1-IN/1-OUT)						

PROTECTION & FILTERING

Output form	Pure sinusoidal form					
Protection	Discharge / overload / overvoltage + Tel./ADSL line					
Input protection	Circuit breaker					

PHYSICAL CHARACTERISTICS

Dimensions - LxWxH (mm)	425 x 438 x 88 (2U)		525 x 438 x 88 (2U)		645 x 438 x 88 (2U)	
Net weight (kg)	12,9	13,4	19,5	21,5	26	39,8

INPUT TECHNICAL CHARACTERISTICS

Voltage	[110-115/120/127 VAC] or [208/220/230/240 VAC]*					
Voltage range (batt mode)	[81-152 VAC] or [162-290 VAC] *					
Frequency	60/50 Hz (autodetection)					

OUTPUT TECHNICAL CHARACTERISTICS

Voltage	[110-115/120/127 VAC] or [208/220/230/240 VAC]*					
Voltage adjustment (battery mode)	+/- 1.5% (before battery alarm)					
Frequency range	50 Hz or 60 Hz +/- 1 Hz					
Crest factor	3:1					
Harmonic distortion	2% max. @ 100% linear load; 5% max. @ 100% non-linear load (before low battery alarm)					

OUTPUT

ECO Mode	95% for [110-115/120/127 VAC]; 97% for [208/220/230/240 VAC]*					
Boost & Buck Mode	93% for [110-115/120/127 VAC]; 95% for [208/220/230/240 VAC]*					
Battery Mode	88% for [110-115/120/127 VAC] 89% for [208/220/230/240 VAC]*	90% for [110-115/120/127 VAC] 91% for [208/220/230/240 VAC]*	90% for [110-115/120/127 VAC] 92% for [208/220/230/240 VAC]*			

BATTERY

Max. load current	1.5 A		
Charge voltage	27.4 VDC ± 1%	54.8 VDC ± 1%	82.1 VDC ± 1%
Recharge time	90% in 4 hours after a total discharge		
Backup time	From 5 to 30 min depending on the connected load		

INDICATORS & ALARMS

LCD screen	Mains power supply mode, battery mode, charge level, battery level, input voltage, output voltage, overload, low battery and battery fault					
Alarms	Battery mode, low batteries, overload, fault					

COMMUNICATION

Communication ports	USB / RS232					
Communication software	InfoPower (compatible with Windows® 2000/2003/XP/Vista/2008, Windows® 7, 8, 10, Linux, Unix and MAC)					
SNMP I Pro (option)	Power management from SNMP (VMware®, HyperV™ compatible) and from an internet browser					

ENVIRONMENT

Ideal environment	0-40°C, 0-90% relative humidity (without condensation)					
Noise level	< 45dB					
Heat dissipation max (100% load / battery mode)	280.72	453.87	464.01	778.24	661.61	835.61

STANDARDS

Standard (HV)	CE RoHS					
EMC (electromagnetic compatibility)	EN62040-2: 2006+AC: 2006 (EN 61000-3-2: 2014, EN61000-4-2:2009, EN61000-4-3:2006+A2: 2010, EN61000-4-4: 2012, EN61000-4-5: 2006, EN61000-4-6: 2014, EN61000-4-8: 2010, EN61000-2-2: 2002)					
Low voltage (safety)	EN62040-1:2008+A1:2013					

COMMERCIAL INFORMATION

Warranty	3 years					
PN (HV)	67023	67024	67025	67026	67027	67028
PN (HV) input UK	67029	67030	67031	67032	67033	67034

* LV (110 V) and HV (230 V) products are different products.
The detailed technical characteristics are subject to change without notice.

BACKUP MODULES

Dimensions - LxWxH (mm)	440 x 515 x 88 (2U)			440 x 635 x 88 (2U)		
Net weight (kg)	19,1	20,6	20,8	30,43	38,8	43,3
PN	67401	67402	67405	67406	67408	67409

Communication and remote management solutions

USB communication ports, RS 232 port

Software:

- UPS startup and shutdown programming
- Data and events record enabling daily maintenance
- E-mail messaging to manage UPS status at all times via the local network
- Free download from website

Packaging content

- 1 UPS
- 1 Power cable
- 1 IEC output cable
- 1 USB cable
- 1 InfoPower software package
- 1 base and mounting brackets
- 1 user manual

Options

- SNMP I Pro communication board (Ref. 61156)
- SNMP vm Minislot board (Ref. 61142)
- RS 485 board (Ref. 61439)
- Rack kit (Ref. 61429)
- Dry contact board (Ref. 61454)
- EMD (ref. 61452)
- Manual external bypass:

Model	Ref
RM-IEC external bypass	61442
RM-FR external bypass	61443

- Battery cabinet (up to 30 min depending on connected load): please ask us.

Warranty

Three-year guarantee against manufacturing defects under normal use and provided the precautions for use are complied with.

Guarantee to be registered on the website within 10 days of purchase.



Infosec Communication
15, rue du Moulin
44880 SAUTRON - FRANCE
Sales contact
Tel.: +33 (0)2 40 76 11 77
sales@infosec.fr

www.infosec-ups.com



INFOSECTM

UPS SYSTEM

L'Énergie Sans Limite !
Safe Energy for Life !



Company networks, Service industries, Critical Apps.

E3 Pro

From 1000 to 10kVA

E3 Pro UPS are dedicated to the electrical protection of networks and critical loads. They are available in 2 versions: E3 Pro RM (1U rack-mountable UPS) and E3 Pro RT (Rack/Tower convertible 2U and 3U UPS).

High-performance protection

Equipped with On-Line Double Conversion technology operated by a micro-processor, the E3 Pro range delivers a totally protected and perfect sine wave current to all of your networks and loads.

In the event of a power cut, the E3 Pro range offers up to 30 minutes of backup time, therefore ensuring an uninterrupted service and critical data backup.

An external battery connector allows you to connect additional battery packs, which extends the backup time depending on your needs and situation (along with a display of the battery status on the screen of the UPS).



Extended backup time

Thanks to its powerful integrated battery charger (from 1A to 6A depending on the model), it is possible to add the necessary number of battery packs to ensure an extended backup time.

An ideal format

The E3 Pro range is available in two versions, both designed for easy installation:

- The E3 Pro RM 1000 VA is a 1U rack-mountable UPS that can be easily mounted into a 19" rack-mount server cabinet.
- The E3 Pro RT from 1000 to 10k VA is a versatile UPS range designed to easily fit into various environments: horizontally, in a patch bay with attachment brackets (included), or vertically as a "tower" with its base (included).



Energy-saving and environmentally-friendly features

- A built-in charger reduces battery charging time and enables it to be charged to 90% capacity in just 4 hours, meaning that a maximum recharge can be guaranteed between successive power cuts.
- The cold start function enables an emergency startup of any connected hardware.
- When the mains power is restored, the E3 Pro restarts automatically.
- The batteries recharge as soon as there is a power supply.



Online Double Conversion technology



Rack/Tower convertible*



Multi-directional LCD control screen



Remote control software



Backup time up to 30 min.* **

* RT models

** Depending on the model and connected load

www.infosec-ups.com

ADAPTED SOLUTIONS FOR ALL SITUATIONS

E3 Pro RT: the Rack/Tower solution

Power factor of 0.9

- Optimal output power factor: 0.9
- High performance
- Efficiency for critical applications

Flexible design

Easy-to-use 2 in 1 design :



Rack position

E3 Pro RT from 1 to 3k VA



Tower position



E3 Pro RT 5-6k VA

User-friendly LCD display

- Accurate and user-friendly LCD screen displays status and settings in real time
- Rotating LCD display can be used both in tower and rack-mount position
- Intuitive front panel LCD display: gives direct access to UPS settings for easy modification



LCD Rack Display
E3 Pro RT from 1 to 3kVA

EPO/CPAU emergency stop control

This function ensures the safety of personnel and equipment in the event of an emergency by initiating a total and immediate shutdown of the UPS (E3 Pro 5-6-10k RT models).



E3 Pro 1000 RM: the 1U rack-mount solution

1U rack-mount model

The E3 Pro 1000 RM model can be easily installed in a 19" rack-mount server case thanks to its small vertical dimensions (1U).



Indicators

Audible alarms and LED displays indicate the UPS status.

Advantage of E3 Pro 1000 RM

Programmable outlets

Programmable outlets allow users to easily control different load groups separately, so that during a power outage, it is possible to increase the backup time on the most strategic and vital hardware by stopping non-critical hardware connected to programmable outlets. These outlets are easy to manage using the Infopower software.

Advantages of E3 Pro RT models

Extended backup time

The E3 Pro RT range is equipped with powerful integrated battery chargers to ensure an extended backup time:

- From 1A to 3.5A for 1 to 3k RT models
- From 1A to 6A for 5 to 10k RT models

Up to 4 backup extensions can be added to the UPS.

OTHER ESSENTIAL ASSETS OF THE E3 PRO RANGE

Communication

Communication ports

The E3 Pro UPS systems are equipped with USB and/or RS 232 ports to allow communication between the UPS and your various protected IT devices. This is managed using Infopower software.

Infopower software

- Management software, included as standard
- Automatic shutdown of files during a power cut, which saves the data for all the PCs in a network
- The communication software offers a graphic interface to view the system status, various settings, events log, etc.

SNMP agent (optional)

A SNMP slot allows the connection of an SNMP agent and the use of its associated software for UPS remote management.

Energy Saving ECO Mode



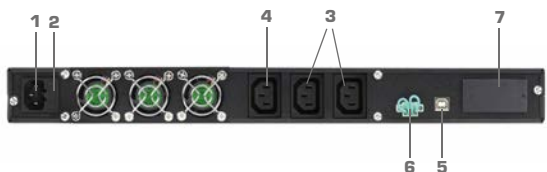
Efficiency of up to 95% for the 1 to 3 kVA model reduces energy consumption and costs.

This operating mode delivers a static bypass power supply and returns to Online Double Conversion when necessary.

CONNECTION

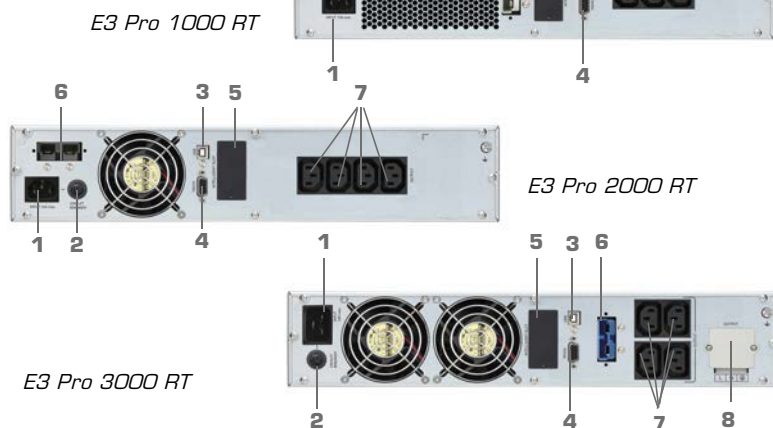
Connectors tailored for all networks applications

E3 Pro 1000 RM



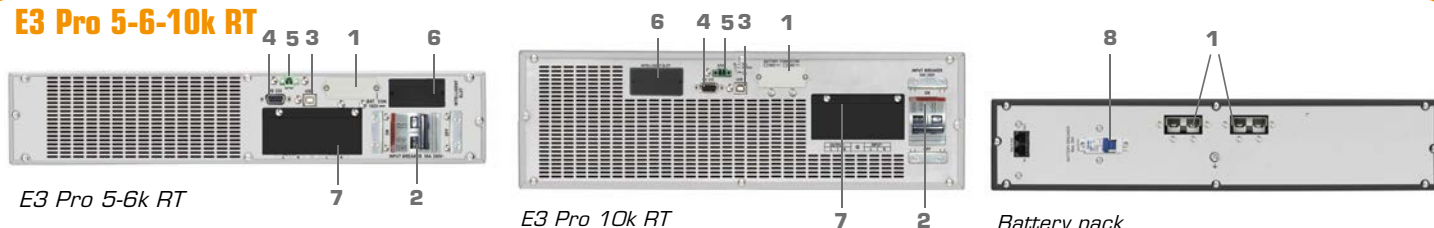
- | | |
|--------------------------|--------------------------------------|
| 1. AC input | 5. USB communication port |
| 2. AC fuse | 6. Remote control function connector |
| 3. Programmables outlets | 7. SNMP slot |
| 4. Output outlets | |

E3 Pro 1-2-3k RT



- | | |
|------------------------------|-------------------------------|
| 1. AC inlet | 5. SNMP slot |
| 2. Input breaker | 6. External battery connector |
| 3. USB communication port | 7. Output outlets |
| 4. RS 232 communication port | 8. Output terminal |

E3 Pro 5-6-10k RT



- | | |
|-------------------------------|--------------------------|
| 1. External battery connector | 5. EPO connector |
| 2. Input breaker | 6. SNMP slot |
| 3. USB communication port | 7. Input/output terminal |
| 4. RS 232 communication port | 8. Battery breaker |

OPTIONS

SNMP I Pro agent

Using the SNMP I pro agent with the E3 Performance UPS devices makes it easier to manage the UPS due to its various special features:

- Connection to the Ethernet network and identification by IP address (random or fixed)
- Setting and programming a system shutdown and restart on a weekly (or other) basis
- Local or remote UPS configuration



Smart charger S

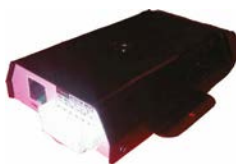
To further increase backup time extensions, an external battery charger can be added: 24Vdc for the E3 Pro 1k RT, 48Vdc for the E3 Pro 2k RT & 72Vdc for the E3 Pro 3k RT.



EMD

This detection sensor allows the remote monitoring of the temperature and humidity levels of the E3 Pro environment.

The sensor works by connecting to the SNMP card, and may also be used to send dry contacts, making it compatible with security systems or alarms.



Rack kit

Enables secure installation in a patch bay (recommended from 2000 VA).



Extended backup time

The E3 Pro range offers several battery extension solutions for unstable or highly disruptive environments. Different types of battery packs are available depending on the type of backup time required and the layout of the premises. The large range of battery packs are sure to meet most needs.

Modbus card

In order to make the E3 Pro range compatible with every type of business, the Modbus card can be added as an option, allowing the E3 Pro RM/RT UPS to communicate with installations using industrial protocols over large distances.

AS400 dry contact card

The AS400 communication card supplies dry contacts to get alarm reports from your UPS (e.g. centralized technical management). Depending on the application, dry contacts can be normally open or normally closed.

External Maintenance Bypass Switch (BMe)

Provides continuous power to connected equipment during a UPS's maintenance or replacement via a rotary switch

- Provides a large number of outlets for extended use
- Rack or Tower model depending on the working environment (1 to 3 kVA)
- Simple installation
- Master/Slave mode (BMe1)



BMe 1 IEC RM (E3 Pro RT from 1 to 3k VA)



BMe 2 RM
(E3 Pro RT from 5 to 10k VA)

TECHNICAL CHARACTERISTICS

GENERAL CHARACTERISTICS

	E3 Pro 1000 RM	E3 Pro 1000 RT	E3 Pro 2000 RT	E3 Pro 3000 RT	E3 Pro 5000 RT	E3 Pro 6000 RT	E3 Pro 10k RT
Technology	On Line Double Conversion						
Power	1000VA/800W	1000VA/900W	2000VA/1800W	3000VA/2700W	5000VA/4500W	6000VA/5400W	10000VA/9000W
Power factor	0.8				0.9		
IEC Output connectors	3 (10A)		4 (10A)	4 (10A) + Terminal	Terminal		

PROTECTION & FILTERING

Output form	Pure Sine Wave	
Protection	Discharge / overcharge / overload	
Input protection	Fuse	Breaker

PHYSICAL CHARACTERISTICS

Dimensions - LxIxh (mm)	477 x 438 x 44 (1U)	310 x 438 x 88 (2U)	410 x 438 x 88 (2U)	638 x 438 x 88 (2U)	UPS: 530 x 438 x 88 (2U) Battery pack: 740 x 438 x 88 (2U)	UPS: 605 x 438 x 133 (3U) Battery pack: 630 x 438 x 133 (3U)
Net weight (Kg)	12,7	12.7	19	29.3	UPS: 15 Battery pack: 47	UPS: 18 Battery pack: 63

INPUT

Nominal voltage	110/120 VAC or 220/230/240 VAC*	110/115/120/127VAC or 208/220/230/240 VAC*	208/220/230/240VAC
Voltage range	55-150 VAC or 110-300 VAC at 50% load* 80-150 VAC or 160-300 VAC at 100% load*	60-145 VAC or 120-300 VAC at 50 % load* 90-145 VAC or 180-300 VAC at 100 % load*	110-300 VAC (based on load at 50%) 176-300 VAC (based on load at 100%)
Frequency range	40/70 Hz		46Hz ~ 54 Hz or 56Hz ~ 64 Hz

OUTPUT

Voltage - AC mode	110/120 VAC or 220/230/240 VAC*	110/115/120/127 VAC or 208/220/230/240 VAC*	208/220/230/240VAC
Automatic voltage regulation	± 1%		
Frequency range (Synchronized range)	57 ~ 63 Hz ou 47 ~ 53 Hz	47Hz ~ 53 Hz or 57Hz ~ 63 Hz	46Hz ~ 54 Hz or 56Hz ~ 64 Hz
Frequency range (Batt mode)	60 Hz or 50 Hz ± 0.3 Hz	50 Hz ± 0,25 Hz or 60 Hz ± 0,3 Hz	50 Hz ± 0.1 Hz or 60 Hz ± 0.1 Hz
Harmonic distorsion	≤ 3 % THD (Linear Load) ~ ≤ 5 % THD (Non-linear Load)	≤ 3 % THD (Linear Load) ~ ≤ 6 % THD (Non-linear Load)	≤ 3 % THD (Linear Load) ~ ≤ 5 % THD (Non-linear Load)
Transfer time	Line mode to battery mode	0 ms	0 ms
	UPS to Bypass	4 ms (Typical)	0 ms
Current crest ration	3:1		
Waveform	Pure sinewave		

EFFICIENCY

AC mode	86%	88%	89%	90%	92%	93%
Battery mode	83%	83%	87%	88%	90%	91%
Eco mode	92%	90% ~ 93%	92% ~ 94%	93% ~ 95%	-	

BATTERY

Battery charger	Operates when UPS connected to mains		
Cold start (no mains)	Yes		
Charging current	1A	Adjustable from 1 to 3.5A	Adjustable from 1 to 6A
Recharging time	4 hours to 90% after complete discharge		9 hours to 90% after complete discharge
Backup time	From 5 to 30 min. depending on the connected load		

INDICATORS & ALARMS

LED (E3 Pro RT)	AC mode, Battery mode, fault	-
LCD screen display	-	Load level, Battery level, AC mode, Battery mode, Bypass mode, and fault
Audible alarms	Battery mode, low battery, overload and fault	

BYPASS

Static bypass	Yes
Manual bypass	Optional External Maintenance Bypass switch

MANAGMENT / COMMUNICATION

Communication ports	USB	USB / RS232
Software	InfoPower (supports Windows® 2000/2003/XP/Vista/2008, Windows® 7, 8, 10, Linux, Unix et MAC)	
SNMP (Option)	Management system through SNMP software (VMware®, Hyper V™ compatible) and web browser	

ENVIRONMENT

Ideal environment	0-40°C and 20-90 % relative humidity (non condensing)			0-40°C and 0-95 % relative humidity (non condensing)	
Noise level	Less than 50dBA @ 1 meter			Less than 55dBA @ 1 meter	Less than 58dBA @ 1 meter
Operating Altitude	Up to 1000 m above sea level (> 1000 m 1% deterioration for every 100 m)				
Heat dissipation max (100% load / battery mode)	522.1	921.19	1105.42	2047	3242

NORMS

Standard	CE RoHS
EMC	EN 62040-2: 2006+AC: 2006
LVD	EN62040-1:2008+A1:2013

SALES INFORMATIONS

Warranty	3 years			2 years		
PN	67314	67308	67309	67310	67319	67321
PN input UK	67318	67315	67316	67317	67319	67321

* LV (110V) and HV (230V) products are different models.

BACKUP MODULES

	E3 Pro 1000 RT	E3 Pro 2000 RT	E3 Pro 3000 RT	E3 Pro 5000 RT	E3 Pro 6000 RT	E3 Pro 10k RT
Dimensions - LxIxh (mm)	515 x 438 x 88		515 x 438 x 88	635 x 438 x 88	740 x 438 x 88	630 x 438 x 133
Net weight - Kg (empty battery bank)	9		9	11	13.4	13
Net weight - Kg (with battery bank)	20.6	31.1	31.1	43.3	47	63
PN	67402	67403	67406	67409	67187	67189



From 1000 to 10k VA

Communication solutions and remote management

USB & RS232 communication ports

Software :

- Simple user interface
- UPS startup and shutdown programming
- Data and events record enabling daily maintenance
- E-mail messaging to manage UPS status at all times via the local network
- Free download from the website

Package content

- 1 UPS
- 1 input cable (1 to 3 kVA models)
- 1 IEC output cable (1 to 3 kVA models)
- 1 USB cable
- 1 floor standing system
- Ears included
- 1 user's manual
- 1 InfoPower software

Options

- SNMP Pro I card (ref: 61156)
- SNMP vm Minislot slot card (ref. 61142)
- Modbus card (ref: 61439)
- Rack kit (ref: 61429)
- Dry contact card (réf: 61454)
- External Maintenance Bypass switch (réf. 61442 / 61443 for 1-2-3k RT models and ref. 61444 for 5-6-10k RT models)
- EMD (réf. 61452)
- External Charger :

Model	Ref
Smart Charger 24Vdc for E3 Pro 1k RT	61139
Smart Charger 48Vdc for E3 Pro 2k RT	61140
Smart Charger 72Vdc for E3 Pro 3k RT	61141

- Additional battery banks - see table below

Warranty

Two-year or three-year warranty (depending on models) against manufacturing defects under normal use conditions and in compliance with precautionary measures.

Warranty to be registered out on www.infosec-ups.com within 10 days of purchase.





L'Énergie Sans Limite !
Safe Energy for Life !



IT systems for SMEs

X2 LCD TOUCH

500 to 2000 VA

X2 LCD Touch 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 X2 LCD Touch'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, X2 LCD Touch 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).
- 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
- A Touch LCD screen as well as audible alarms indicate status of the UPS
- A simple press of the touch screen allows viewing Input voltage, output voltage, battery capacity, load level and UPS status
- Cold start feature if no power supply
- UPS automatic restart when mains power restored



X2 LCD Touch 500/700/1000



X2 LCD Touch 1250/1600/2000



PC & Mac*
*Except iMac 27"



Line Interactive Technology



**Available in
FR/SCHUKO, IEC &
UNIVERSAL outlets**



USB communication port



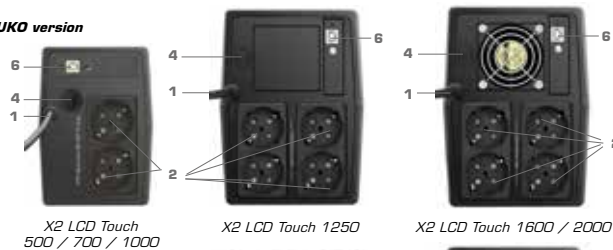
Up to 40 mn backup time**
** Depending on model and connected load

CONNECTION

1. Power integrated input cable
2. Protected UPS outlets
3. Surge protected outlets
4. Circuit breaker
5. Fuse
6. USB communication port
7. AC inlet

NB : identic outlets for FR/SCHUKO & UNIVERSAL models

FR/SCHUKO version



IEC version



X2 LCD
TOUCH
500 to 2000 VA

TECHNICAL CHARACTERISTICS

X2 LCD Touch 500 | X2 LCD Touch 700 | X2 LCD Touch 1000 | X2 LCD Touch 1250 | X2 LCD Touch 1600 | X2 LCD Touch 2000

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 ¹ protected UPS outlets	2	2	2	4	4	4
IEC surge protected outlets / Protected UPS outlets	1/3			2/4		

PROTECTION & FILTERING

Output form	Modified sinewave					
Protection	Discharge / overcharge / overload					
FR/SCHUKO models - Input protection	Breaker					
IEC models - Input protection	Fuse					
UNIVERSAL models - Input protection	Fuse			Breaker		

PHYSICAL CHARACTERISTICS

Dimensions D x W x H (mm)	300 x 101 x 142			320 x 132 x 182		
Net weight (kg)	3,7	4,4	5	8,2	10,4	9,1

INPUT TECHNICAL CHARACTERISTICS

Voltage	220/230/240 VAC
Voltage range	162-290 VAC
Frequency	50/60 Hz (auto sensing)

OUTPUT TECHNICAL CHARACTERISTICS

Voltage	220/230/240 VAC					
Automatic Voltage Regulation (battery mode)	± 10 %					
Frequency	50 ou 60 Hz ± 1Hz					
Crest ratio	3:1					
Output current (A)	2	3	3.9	4.5	6.8	9.1

BATTERY

Battery charger	Operates when UPS is connected to mains					
Cold start (no mains)	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	From 6 to 40 min. (depending on model and connected load)					

INDICATORS

LCD Touch screen	Touch LCD : Input voltage, output voltage, battery capacity, load level and UPS status
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COMMUNICATION

Communication	USB port
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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

ENVIRONMENT

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

NORMS & SALES INFORMATIONS (FR/SCHUKO / IEC MODELS)

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+A12:2011, EN62040-1:2008					
Warranty	2 years					
Gencods - FR/SCHUKO models	3700085 65998 4	3700085 65999 1	3700085 66000 3	3700085 66001 0	3700085 66002 7	3700085 66003 4
Gencods - IEC models	3700085 66036 2	3700085 66037 9	3700085 66038 6	3700085 66039 3	3700085 66040 9	3700085 66041 6

SALES INFORMATIONS (UNIVERSAL MODELS)

Warranty	2 years					
Gencods - UNIVERSAL models	3700085 66004 1	3700085 66005 8	3700085 66006 5	3700085 66007 2	3700085 66008 9	3700085 66009 6

Connection

FR/SCHUKO / UNIVERSAL outlets models :

- 2 Schuko/FR¹ / Universal protected UPS outlets for 500/700/1000 VA models
- 4 Schuko/FR¹ / Universal protected UPS outlets for 1250/1600/2000 VA models
- 1 power integrated input cable
- 1 USB communication port

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



IEC outlets models

- 3 IEC protected UPS outlets+1 surge protected outlet for 500/700/1000/1250 VA
- 4 IEC protected UPS outlets+2 surge protected outlets for 1600/2000 VA
- 1 USB communication port



Package content

- 1 ups
- 1 multilingual user manual (GB, FR, NL, DE, ESP, GR, AR)
- IEC models : 2 IEC output cables (500/700/1000/1250) and 3 IEC output cables (1600/2000)

Warranty

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

Warranty to be taken out on our website 10 days of purchase.



Infosec Communication

4, rue de la Rigotière
44700 ORVAULT - FRANCE

Sales contact

Tél : 02 40 76 11 77
sales@infosec.fr

www.infosec-ups.com