



L'Énergie Sans Limite !  
Safe Energy for Life !



## Company networks, Service industries



The range of E3 LCD RT is dedicated to the electrical protection of your IT networks and loads. A wide power range and variety of characteristics enable you to choose the model perfectly adapted to your needs.

From 800 to 3500 VA

### High-performance protection

Equipped with On Line Performance technology operated by a micro-processor, the E3 LCD RT range delivers a totally protected and perfect sine wave current for all your IT networks and loads.

In the event of a power cut, E3 LCD RT offers up to 30 min. of backup time therefore ensuring uninterrupted service and critical data backup.

Depending on needs and contexts, a battery connector (optional) may also be added allowing you to extend backup time thanks to additional battery packs (with data transmission to the main LCD screen thanks to a detection port).



### Energy-saving and environmentally-friendly features

- Built-in charger reducing battery charging time and enabling them to be charged to 90% capacity in just 4 hours. In this way, a maximum recharge can be guaranteed between successive power cuts.
- Cold start function enabling emergency starting of connected hardware when the UPS is not powered up.
- Automatic restart of E3 LCD RT when mains power is restored.
- Batteries charge up as soon as there is a power supply.
- In this way, the E3 LCD RT saves 50% more energy than a normal UPS.



### Connections adapted to all situations



To adapt to all usage needs and contexts, the 800 to 2500 VA models have 8 UPS protected outlets (10 A) including 4 that can be programmed, as well as the 3000 and 3500 VA models with 7 UPS protected outlets (10 and 16 A) including 3 programmable outlets. In addition, RJ45 connectors offer Tel/ADSL line protection. RS232 and USB communication ports enable remote control of the UPS using InfoPower software (see description on back) which also manages automatic extinction in the event of a long power cut.

### An easy and adaptable operating mode

The E3 LCD RT offers choice of rackmount or tower installation using its brackets or pedestal, supplied as standard. The LCD screen is intuitive and multi-directional.



Online Performance Technology



Rack/Tower convertible



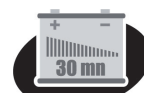
Multi-directional LCD control screen



USB & RS232 communication ports



Remote control software



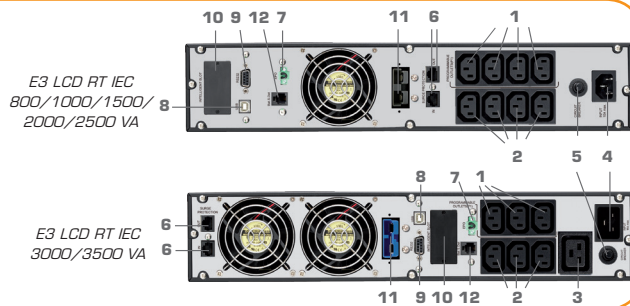
Backup time of up to 30 min.\*

\* Depending on the model and connected load

[www.infosec-ups.com](http://www.infosec-ups.com)

# CONNECTION

1. IEC programmable outlets (10A)
2. IEC standard outlets (10A)
3. IEC standard outlet (16A)
4. AC input outlet
5. Input circuit breaker (thermal cut-out)
6. RJ45 protected outlets
7. Emergency Power Off (EPO) connector
8. USB communication port
9. RS232 communication port
10. SNMP intelligent slot
11. External battery connector (free option)
12. Port detecting number of external battery packs



## TECHNICAL CHARACTERISTICS

E3 LCD RT 800 VA	E3 LCD RT 1000 VA	E3 LCD RT 1500 VA	E3 LCD RT 2000 VA	E3 LCD RT 2500 VA	E3 LCD RT 3000 VA	E3 LCD RT 3500 VA
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### GENERAL CHARACTERISTICS

Technology	Microprocessor-controlled On Line Performance						
Power	800VA/600W	1000VA/640W	1500VA/880W	2000VA/1300W	2500VA/1600W	3000VA/2000W	3500VA/2400W
IEC Output connectors standards / programmables	4/4 (10A)	4/4 (10A)	4/4 (10A)	4/4 (10A)	4/4 (10A)	3(10A) + 1(16A) / 3(10A)	3(10A) + 1(16A) / 3(10A)
Tel/ADSL line protection	RJ45 (1-IN/1-OUT)						

### PROTECTION & FILTERING

Output form	Pure Sine Wave
Protection	Discharge / overcharge / overload + Tel/ADSL line
Input protection	Input Circuit Breaker
Surge protection (Joule)	> 296

### PHYSICAL CHARACTERISTICS

Dimensions - HxWxD (mm)	88 x 440 x 390 (2U)			88 x 440 x 515 (2U)		88 x 440 x 635 (2U)	
Net weight (Kg)	12,7	12,9	13,4	21	23	27,5	29

### INPUT TECHNICAL CHARACTERISTICS

Voltage	[110-120 VAC] or [208/220/230/240 VAC] *
Voltage range	[81-145 VAC] or [162-290 VAC] $\pm 3\%$
Frequency	50/60 Hz (auto sensing)

### OUTPUT TECHNICAL CHARACTERISTICS

Voltage - AC mode	[110-120 VAC] or [208/220/230/240 VAC] *	
Automatic voltage regulation (AC mode)	± 10%	± 3%
Voltage - Battery mode	[110-120 VAC] or [208/220/230/240 VAC] *	
Automatic voltage regulation (Batt. mode)	± 3%	
Frequency	50 or 60 Hz ± 1 Hz	
Current crest ratio	3:1	
Harmonic distortion	8% max. @ 100% linear load ; 15% max. @ 100% non-linear load (before alarm)	

### EFFICIENCY

AC mode	97%		
Battery mode	83%	85%	87%

### BATTERY

Battery charger	Operates when UPS connected to mains						
Cold start (no mains)	Yes						
Battery type & number	12 V/7 Ah x 2	12 V/7 Ah x 2	12 V/9 Ah x 2	12 V/7 Ah x 4	12 V/9 Ah x 4	12 V/7 Ah x 6	12 V/9 Ah x 6
Charging voltage	27,4 VDC ± 1%			54,8 VDC ± 1%		82,1 VDC ± 1%	
Recharging time	4 hours to 90% after complete discharge						
Backup time	From 5 to 30 min. depending on the connected load						

### BATTERY PACKS FOR EXTENDED BACKUP TIME (OPTIONAL)

Backup time	Up to 30 minutes extension backup time**					
Battery type & number	12V/7Ah x 4	12V/9Ah x 4	12V/7Ah x 8	12V/9Ah x 8	12V/7Ah x 12	12V/9Ah x 12
Dimensions - HxWxD (mm)	88 x 440 x 515 (2U)				88 x 440 x 635 (2U)	
Net Weight (Kg)	19,1	20,6	28,1	31,1	38,8	43,3

### INDICATORS

LCD screen display	AC mode, Battery mode, Load level, Battery level, Input voltage, Output voltage, Overload, Fault & Low battery
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### COMMUNICATION

Communication ports	USB / RS232
Communication software	InfoPower (supports Windows® 2000/2003/XP/Vista/2008, Windows® 7, Linux, Unix et MAC)
SNMP (optional)	Power management from SNMP manager and web browser

### ENVIRONMENT

Ideal environment	0-40°C, 0-90% of relative humidity (without condensation)						
Noise level	< 45 dB						
Heat dissipation [W]	10	13	18	24	33	41	49
Heat dissipation (BTU/min.)	0.57	0.74	1.02	1.37	1.88	2.33	2.79

### NORMS

Standard	CE RoHS					
EMC (Electromagnetic compatibility)	EN 62040-2 / IEC 61000-4-2 / IEC 61000-4-3 / IEC 61000-4-4 / IEC 61000-4-5 / IEC 61000-2-2					
Low voltage (security)	EN 62040-1-1 / IEC 60950-1					

### SALES INFO

Warranty	2 years						
Gencods - 230 V	3700085 65372 2	3700085 65373 9	3700085 65374 6	3700085 65375 3	3700085 65376 0	3700085 65377 7	3700085 65378 4

\* Low voltage (110V) and high voltage (230V) are different products  
\*\* Backup time at 70% of connected load



From 800 to 3500VA

## Communications 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

## Packaging content

- 1 UPS
- 1 input cable
- 1 IEC output cable
- 1 USB cable
- InfoPower software
- Pedestal and Rackmounting kit
- 1 user manual

## Options

- SNMP agent card (Ref: 61424)
- External battery connector for backup time extension (free option)
- RS 485 Card (Ref: 61439)
- Rack kit (Ref: 61429)
- Dry contact card (Ref: 61454)
- External manual Bypass

Model	Ref
External Bypass RM-IEC	61442
External Bypass RM-FR	61443

- Battery packs (until 30 minutes depending on connected load)

Model	Ref
BB E3 LCD RT 800/1000	65389
BB E3 LCD RT 1500	65390
BB E3 LCD RT 2000	65391
BB E3 LCD RT 2500	65392
BB E3 LCD RT 3000	65393
BB E3 LCD RT 3500	65394



## 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

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### Sales contact

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