



## Network and storage protection



LCD-RT

## 800 to 3500 VA

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.



- **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 functions**

**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.

**ENERGY CONTROL**

up to **50%** energy saving  
Jusqu'à **50%** d'économie d'énergie



**Online Performance Technology**



**Rack/Tower convertible**



**Multi-directional LCD control screen**



**USB & RS232 communication ports**



**Remote control software**



**Tel/ADSL protection**



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



**Battery extension available**

\* Depending on the model and connected load

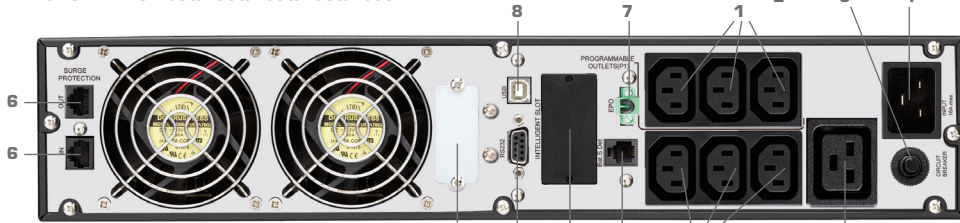




# 800 to 3500 VA



**E3 LCD RT IEC - 800/1000/1500/2000/2500 VA**



**E3 LCD RT IEC - 3000/3500 VA**

- 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

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

## PROTECTION & FILTERING

Output form	Pure Sine Wave
Protection	Discharge / overcharge / overload + Tel/ADSL line
Input protection	Input Circuit Breaker
Surge protection (Joule)	> 296
Tel/ADSL line protection	RJ45 (1-IN/1-OUT)

## PHYSICAL CHARACTERISTICS

Dimensions - HxWxD (mm)	88 x 438 x 350 (2U)		88 x 438 x 480 (2U)		88 x 438 x 600 (2U)		
Net weight (Kg)	14,8	15,3	15,8	23	25	32	35

## INPUT TECHNICAL CHARACTERISTICS

Voltage	[110-120 VAC] or [208/220/230/240 VAC]
Voltage range	[81-145 VAC] or [162-290 VAC] ± 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 distortions	8% max. @ 100% linear load ; 15% max. @ 100% non-linear load (before alarm)					
IEC output connectors standards/programmables	4/4 (10 A)	4/4 (10 A)	4/4 (10 A)	4/4 (10 A)	3/3 (10 A) + 1 (16 A)	3/3 (10 A) + 1 (16 A)
NEMA output connectors standards/programmables	2/2 (15 A)	2/2 (15 A)	2/2 (15 A)	2/2 (15 A)	In/Out Terminal	In/Out Terminal

## 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	12V/7 Ah x 2	12V/7 Ah x 2	12V/9 Ah x 2	12V/7 Ah x 4	12V/9 Ah x 4	12V/7 Ah x 6	12V/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 438 x 480 (2U)	88 x 438 x 480 (2U)	88 x 438 x 480 (2U)	88 x 438 x 480 (2U)	88 x 438 x 600 (2U)	88 x 438 x 600 (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

## IEC 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						
Genocods - 230 V	3700085 65372 2	3700085 65373 9	3700085 65374 6	3700085 65375 3	3700085 65376 0	3700085 65377 7	3700085 65378 4

\*Backup time at 70% of connected load

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### • InfoPower software :

- Simple user interface.
- UPS start 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 [www.infosec-ups.com](http://www.infosec-ups.com).



### • Package contents :

- E3 LCD RT,
- 1 input cable,
- 1 IEC output cable,
- 1 USB cable,
- InfoPower software,
- Pedestal and Rackmounting kit,
- User manual.



### • Warranty :

- Two-year warranty (UPS + battery)
- standard replacement of the device.



### • Options :

- SNMP agent card
- External battery connector for backup time extension (free option)
- Battery packs
- Rail kit



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