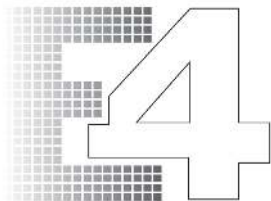




L'Énergie Sans Limite !
Safe Energy for Life !



Networks & critical applications - Industrial Environments



Value From 1 to 10k VA

The E4 VALUE range is equipped with microprocessor controlled **On Line Double Conversion** technology and delivers a perfect sinewave output current for lower-budget critical applications.

● An advanced technology

Equipped with the **On Line Double Conversion controlled by microprocessor**, E4 VALUE range delivers **perfect sinewave output current** and provides thorough and effective protection of critical devices.

Low budget and
reliable solution for
critical applications

● A Smart features adapted to all situations

Equipped with smart features (control by microprocessor, Energy saving ECO mode or cold start function), E4 Value range offer **RS 232 and/or USB** communication ports enable UPS to communicate with the various stations and IT servers it is protecting.

An **intuitive display** (LED for models from 1000 to 3000VA and LCD for models from 4000VA to 10k VA) shows the UPS status : ON/OFF, operating mode configuration, voltage setting, programmable outlet setting...

Assets of E4 VALUE + 6/10 kVA

Power factor 0,9
External maintenance bypass



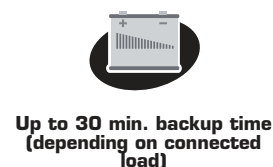
E4 Value
1000 VA

E4 Value
1500/2000 VA

E4 Value
3000 VA

E4 Value
4000/5000 VA

E4 Value +
6000/10 kVA



ADAQUATE SOLUTIONS FOR ALL SITUATIONS

Smart features

- Optimal output power factor : up to 0,9 for models E4 VALUE + 6000 and 10 kVA

Energy saving ECO mode : it allows energy and cost savings. In addition, a static bypass power supply via the UPS prevents from power cuts in case of overload or other external incident.

Backup time : up to 30 minutes for the protection of one server and 2 computers for example, depending on the connected load.

Cold start function

- Models 6/10 kVA : Manual Maintenance Bypass

- Included with static bypass for **E4 VALUE + 6000 and 10 kVA models**
- Uninterrupted supply** of connected equipment during maintenance on the UPS thanks to a rotary switch
- Guarantee of **personnel safety without interruption of service**



Easy of use and communication

- Designed for ease of use

An intuitive display shows the UPS status : ON/OFF, operating mode configuration, voltage setting, programmable outlet setting :

- LED display** for E4 VALUE from 1000 to 3000 VA
- LCD display** for E4 VALUE from 4000 to 10 kVA



LED screen
E4 Value from 1000 to 3000 VA



LCD screen
E4 Value from 4000 to 10 kVA

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.

- Communication

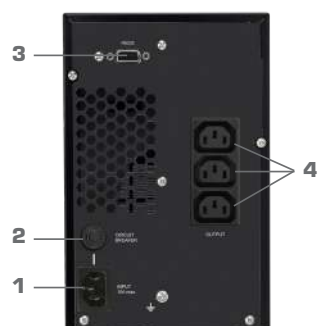
USB and/or RS 232 ports allow communication between the UPS and your various protected IT devices. This is managed using Infopower software :

- RS232 port** for E4 VALUE from 1000 to 3000 VA
- USB et RS 232 ports** for E4 VALUE from 4000 to 10 kVA

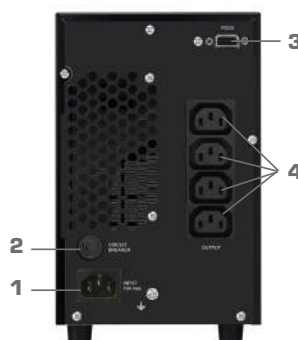
CONNECTION

E4 VALUE fom 1000 à 3000 VA

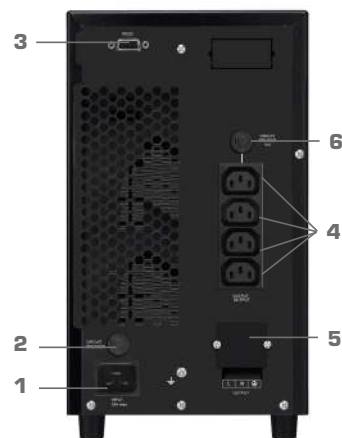
1. Input
2. Input breaker
3. RS 232 communication port
4. Output outlets
5. Output terminal
6. Output breaker



E4 Value 1000



E4 Value 1500/2000



E4 Value 3000

E4 VALUE from 4000 to 10 kVA

1. RS 232 communication port
2. Intelligent slot*
3. USB communication port
4. EPO connector
5. Input circuit breaker
6. Input/Output terminal
7. Maintenance bypass switch

*For the models E4 Value 4000/5000, communication card (USB & RS232) can be replaced by SNMP (optional)



E4 Value 4000/5000 VA



E4 Value + 6000/10 kVA

OPTIONS

SNMP I Pro agent

Using the SNMP I pro agent with the E4 Value 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 I Pro agent

*For models E4 Value 4000/5000, SNMP I Pro agent shall be inserted at the location of the communication card (USB & RS232).

Minislot SNMP vm Agent for Virtual Network Management

The SNMP vm Minislot agent facilitates network UPS management and virtual environments (vmWare®, Hyper V®, etc.). Associated with RCCMD appliance, it makes it possible to control the starting and stopping of the virtual servers and their associated equipments.

External Maintenance Bypass Switch (BMe)

Provides continuous power to connected equipment during a UPS's maintenance or replacement via a rotary switch (E4 VALUE from 1000 to 3000 VA).



BMe 1 IEC
(E4 VALUE 1000 à 3000 VA)



BMe 1 FR
(E4 VALUE 1000 à 3000 VA)

TECHNICAL SPECIFICATIONS

From 1 to 10k VA

GENERAL CHARACTERISTICS

	E4 Value 1000	E4 Value 1500	E4 Value 2000	E4 Value 3000	E4 Value 4000	E4 Value 5000	E4 Value + 6000	E4 Value + 10k
GENERAL CHARACTERISTICS								
Technology	On Line Double Conversion							
Power*	1000 VA	1500 VA	2000 VA	3000 VA	4000 VA	5000 VA	6000 VA	10k VA
Power factor	0,8						0,9	
IEC outlets	3	4				-		
Terminal	-			Yes				

PHYSICAL CHARACTERISTICS

Dim. D x W x H (mm)	220 x 145 x 282	235 x 145 x 397	335 x 190 x 421	388 x 190 x 573	369 x 190 x 688	442 x 190 x 688
Net weight (kg)	8.6	16.1	25.2	46	60	75

INPUT

Voltage	[100/110/115/120/127VAC] or [200/208/220/230/240VAC]**	208/220/230/240VAC
Voltage range	40 Hz ~ 70 Hz	46 Hz ~ 54 Hz or 56 Hz ~ 64 Hz
Power factor	> 0.99 @ 100% load	

OUTPUT

Voltage		[100/110/115/120/127VAC] or [200/208/220/230/240VAC]**	208/220/230/240VAC	
Voltage regulation		+/- 1%		
Frequency range (Synchronized range)		47~ 53 Hz or 57 ~ 63 Hz	46 Hz ~ 54 Hz or 56 Hz ~ 64 Hz	
Frequency range (Batt mode)		50 Hz ± 0.25 Hz or 60Hz ± 0.3 Hz	50 Hz or 60 Hz +/- 0.1Hz	
Crest ratio		3 : 1		
Harmonic distortion		<= 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		
	Inverter to Bypass	4 ms (Typical)	0 ms	
Waveform		Pure sinewave		

EFFICIENCY

AC mode	88%	89%	90%	92%	92%	93%
Battery mode	83%	87%	88%	89%	90%	91%

BATTERY

Recharge time	4 hours recover to 90% capacity		9 hours recover to 90% capacity	
Charging current	1A		1A/2A	
Charging current	27.4VDC ± 1%	54.7 VDC ±1%	82.1 VDC ±1%	163.8 VDC ±1%
Backup time	from 5 to 30 minutes depending on the connected load			

AFFICHAGE & INDICATEURS

LED / LCD	LED	LCD
Alarms sonores	Load level, Battery level, AC mode, Battery mode, Bypass mode, and Fault indicator.	
	Battery mode, Low battery, Overload, Fault	

BYPASS

Bypass statique	Yes	
Bypass manuel	Optional	Yes

MANAGEMENT / COMMUNICATION

Communication ports	RS232 port	RS232 / USB ports
Software	Infopower included software (Windows® 98/2000/2003/XP/Vista/2008, Windows® 7, 8, 10, Linux, and MAC)	
SNMP (option)	Management system through SNMP software (VMware®, Hyper V™ compatible) and web browser	

ENVIRONMENT

Ideal environment	20 to 90% relative humidity @ 0-40°C without condensation	
Noise level	less than 50dBA @ 1 metre	less than 55dBA @ 1 metre

NORMS

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

SALES INFO

Warranty	2 years	
PN	67417	67425

* models 1-3k : derate to 60% of capacity in Frequency converter mode and to 80% when the output voltage is adjusted to 100/200/208VAC / models 4-10k : derate capacity to 60% of capacity in CVCF mode and to 90% when the output voltage is adjusted to 208VAC.

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

Product specifications are subject to change without further notice.

Communications solutions and remote management

USB and/or 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
- 2 IEC output cables
- 1 RS 232 cable
- 1 USB cable (for models > 3 kVA)
- 1 user manual
- Infopower Software CD

Options

Designation	Réf
BMe 1 IEC 1 à 3k	61440
BMe 1 FR 1 à 3k	61441
External SNMP I Pro RS 232 for E4 VALUE from 1000 to 3000 VA	61830
SNMP Pro I card for E4 VALUE from 4000 to 10 kVA	61156
SNMP vm Minislot card	61142

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

Contact commercial

Tél : 02 40 76 11 77
commercial@infosec.fr

www.infosec-ups.com