

# UPS-ENTERPRISE

The protection your equipment has been waiting for from 800 to 2000 VA



## SOCOMEC, an independent manufacturer

The SOCOMEC Group employs 1700 people and has a turnover in excess of € 200 million.

Its core activities are the manufacture of electrical products and electronic equipment.

The company has full industrial control in both of its specialist divisions, guaranteed by ISO 9001:2000 certification.



## SOCOMEC SICON UPS: know-how

Located in France and in Italy, SOCOMEC SICON UPS extends way beyond European borders.

The company has based its strategy on two main policies:

- **total quality** of its products and services
- **adaptability** to specific customer needs



## SOCOMEC, also manufactures:

### A range of Switching and Protection Systems.

Future growth of the Group will also be fuelled by a second industrial activity independent of its UPS systems, i.e. low voltage industrial switches and protection systems.

This Division designs and manufactures the widest range of:

- load break switches,
- changeover switches,
- fuse protection,
- energy and control management,
- safety enclosures...

## Secure power supply, wherever it's needed...

Secure power supply, wherever irreplaceable data loss, lost production and electrical downtime are serious issues, especially as main power is subject to numerous short and long disturbances.

Specialising in critical application power supplies, SOCOMEC SICON UPS provides effective protection of sensitive equipment against disturbances affecting the quality of the electrical network.

SOCOMEC SICON UPS offers a complete range of solutions suited to various IT, industrial and telecommunications configurations:

- UPS from 400 VA to 4800 kVA,
- rectifier-chargers from 7.5 to 6000 A,
- DC/AC inverters from 1.5 to 18 kVA,
- static transfer systems from 16 to 4800 A,
- harmonic compensators,
- 400 Hz frequency converters.



GAMME 008 M

# UPS-ENTERPRISE

FROM 800 TO 2000 VA

Check out the **quality** before choosing a UPS

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## CHECK OUT THE COMPACT DIMENSIONS

### > One of the most compact UPS's in its category

*UPS-ENTERPRISE 800-2 000 VA* gives you more space for your applications, whether tower or 19" rack, taking up very little space in your work place.

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## CHECK OUT THE POWER

### > Four power ratings (800 VA-1000 VA-1500 VA-2000 VA)

It provides the right level of power for your IT, Web server or professional workstation applications. This means you will be able to choose the right power solution for your load.

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## CHECK OUT THE SECURITY

### > *UPS-ENTERPRISE 800-2000 VA* uses the best technology available today: On Line double conversion (VFI)

Normally used for higher power UPSs, it guarantees maximum protection from any irregularity that may be caused by the mains power supply.

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## CHECK OUT THE RELIABILITY

### > It is the result of over 80 years SOCOMEC SICON UPS experience

That is, how long SOCOMEC SICON UPS has been working in the field of protection and security of the mains power supply. This means you can be sure you are using an up-to-date products that are suitable for your requirements.



1500 - 2000 Tower



1000 rack 19"



800 & 1000 Tower

# UPS-ENTERPRISE

Numerous features and easy-to-use technology

## SMART POWER

The use of a sophisticated microprocessor provides the **UPS-ENTERPRISE** with autonomous control of its own operation. It can continuously monitor its parameters to guarantee optimal performance in any operating conditions.

The **1500** and **2000 VA** models have three programmable Power Share sockets, ideal for powering non-critical loads. These outlets, which are configured using one of the Socomec Sicon UPS communication software packages, can be disconnected at a pre-determined point (e.g. amount of battery time available, or battery charge value) in order to preserve the battery energy for important loads connected on the other outlets.

## COMPATIBILITY WITH YOUR IT ENVIRONMENT

The shape, technology and colours have been specifically chosen for the computer environment. The **UPS-ENTERPRISE** has adopted all the current IT environment standards: RS232 and USB serial interfaces, IEC320 sockets, direct connection to the LAN through the SNMP board for the management of the UPS in a network, quiet cooling system and compact design (only 2U for installation in standard 19" cabinets).

## REMOTE COMMUNICATION AND CONTROL

Optional software for the management and control of the UPS has been developed to be extremely flexible and to meet the integration needs of different hardware operating systems.

The range comprises:

- **UNI VISION**, local management software,
- **UNI VISION PRO**, network management software,
- **NET VISION**, Web / SNMP manager.

Alternatively an optional special dry contact board is available that provides three zero-potential contacts (relays) for the management of alarm devices.

## APPLICATIONS

An advanced UPS for the protection of advanced applications:

- domestic and industrial automation,
- servers and workstations,
- building automation,
- production processes,
- networking,
- ISP / ASP applications.

## TOP-CLASS PERFORMANCE

**UPS-ENTERPRISE 800-2000 VA** is the ideal solution for powering IT equipment that has the critical characteristic of absorbing current in non-linear mode.

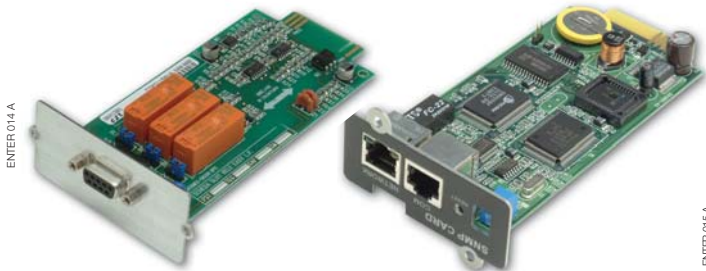
**UPS-ENTERPRISE** is able to deliver high levels of peak current (crest factor 3:1) to the load whilst the rectifier does not pollute the mains input (power factor > 0.98) by re-injecting harmonic current into the mains causing noise in the other equipment on the mains network.

This achieves the dual effect of: protecting your IT users whilst also eliminating the electrical pollution these consumers produce.

## POWER SUPPLY SECURITY

The built-in automatic by-pass ensures maximum reliability of the power supply, but it is the battery solution chosen for the **UPS-ENTERPRISE 800-2000 VA** that makes it unbeatable.

The standard batteries are high capacity and provide back-up times which fully satisfy the typical application requirements for which this UPS has been designed. The external back up extension cabinets are very easy to connect and the hot-swap batteries are of a type which enables maintenance operations to be completed without disconnecting the load.



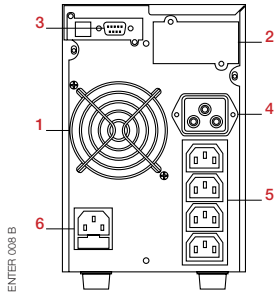
Dry contact board (optional)

NET VISION: Web / SNMP manager (optional)

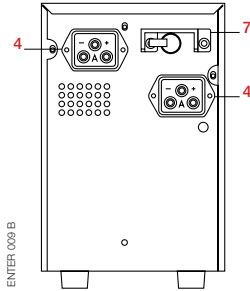
# UPS-ENTERPRISE

Technology adapted to meet all your needs

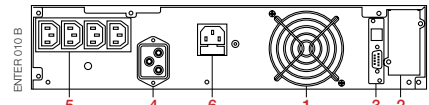
## CONNECTIONS



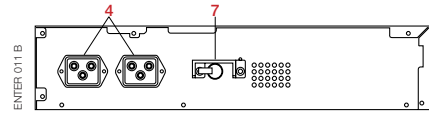
800 & 1000 Tower



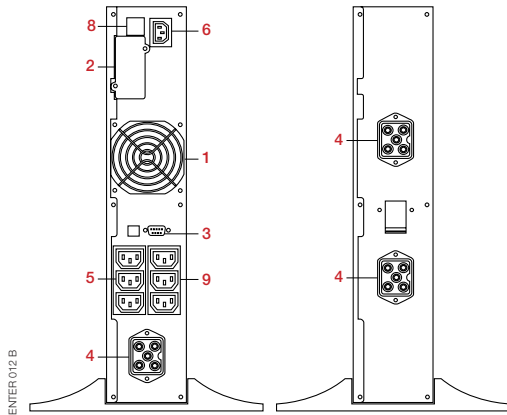
Battery extension Tower model



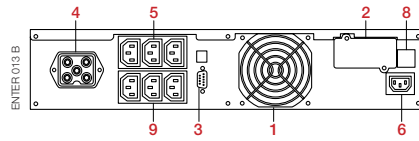
1000 Rack version



Battery extension Rack model



1500-2000 Tower and battery extension



1500-2000 Rack version

1. Fan
2. Slot for optional communication boards
3. RS232/USB serial port
4. Battery connection for extension
5. Output socket
6. Input socket and fuse
7. Battery switch
8. Reset fuse
9. Output socket with power share function

## TECHNICAL DATA



ENT-TW08  
800 VA / 560 W



ENT-RK10/ENT-TW10  
1000 VA / 700 W



ENT-RK15/ENT-TW15  
1500 VA / 1050 W



ENT-RK20/ENT-TW20  
2000 VA / 1400 W

POWER INPUT					
Input voltage		160 ÷ 276 V AC (1ph)			
Frequency		50/60 Hz (automatic selection)			
Power factor		> 0.97			
OUTPUT					
Output voltage (V out)		230 V (1ph) - (can be set to 220/240 V)			
Voltage distortion		< 4% on linear load			
Output frequency stability		50 Hz or 60 Hz (±0.5% in battery mode)			
Overload (with mains present)		130% for 10 seconds			
AC/AC efficiency		88%			
Crest factor		3:1			
Communication port		RS232/USB (Universal Serial Bus)			
REFERENCE NORMATIVE					
Standard		European UPS standard EN50091 and CE marking			
Safety/EMC standard		EN50091-1-1/EN50091-2			
BACK-UP TIME					
Typical (at 75% of the load)		12 minutes	8 minutes	12 minutes	8 minutes
Extension of back-up time		50 minutes total	40 minutes total	50 minutes total	35 minutes total
UPS TOWER DIMENSIONS (W X D X H) AND WEIGHTS (BATTERIES INCLUDED)					
Dimensions (W x D x H) mm - weight kg		145 x 405 x 225 (14 kg)	145 x 405 x 225 (15 kg)	87 x 495 x 435 (22 kg)	87 x 495 x 435 (23 kg)
Dimensions (W x D x H) mm - weight kg (batteries ext.)		145 x 405 x 225 (19 kg)	145 x 405 x 225 (19 kg)	87 x 495 x 435 (30.6 kg)	
UPS 19" RACK DIMENSIONS (W X D X H) AND WEIGHTS (BATTERIES INCLUDED)					
Dimensions (W x D x H) mm - weight kg		483x460x87 (2U) including handles (16kg)		483 x 525 x 87 (2U) including handles (23kg)	
Dimensions (W x D x H) mm - weight kg (batteries ext.)		483x460x87 (2U) including handles (21.5kg)		483 x 525 x 87 (2U) including handles (30.6kg)	

# Socomec Sicon UPS

## worldwide

### IN EUROPE

#### BELGIUM

Schaatsstraat, 30 rue du Patinage  
B - 1190 Bruxelles  
Tel. +32 (0)2 340 02 34 - Fax +32 (0)2 346 16 69  
be.ups.sales@socomec.com

#### FRANCE

95, rue Pierre Grange  
F - 94132 Fontenay-sous-Bois Cedex  
Tel. +33 (0)1 45 14 63 90 - Fax +33 (0)1 48 77 31 12  
ups.paris.dcm@socomec.com

#### GERMANY

Heppenheimerstraße 57  
D - 68309 Mannheim  
Tel. +49 (0) 621 7168 40 - Fax +49 (0) 621 7168 444  
de.ups.all@socomec.com

#### ITALY

Via Leone Tolstoj, 73 - Zivido  
20098 San Giuliano Milanese (MI)  
Tel. +39 02 98 242 942 - Fax +39 02 98 240 723  
siconmi@socomec.com

#### NETHERLANDS

Bergveste 2F  
NL - 3992DE Houten  
Tel. +31 (0)30 63 71 504 - Fax +31 (0)30 63 72 166  
info@socomec.nl

#### SLOVENIA

Savlje 89  
SI - 1000 Ljubljana  
Tel. +386 1 5807 860 - Fax +386 1 5611 173  
info@socomec-sicon-ups.si

#### SPAIN

C/Nord, 22 Pol. Ind. Buvisa  
E - 08329 Teià (Barcelona)  
Tel. +34 93540 7575 - Fax +34 93540 7576  
info@socomec-aron.com

#### UNITED KINGDOM

Units 401/402 Cirencester Business Park  
Love Lane Cirencester  
Gloucestershire GL7 1YG  
Tel. +44 1285 644 444 - Fax +44 1285 644 414  
ups.uk.sales@socomec.com

### IN ASIA

#### CHINA

04, 12B, Building A1, Long range world,  
18 Suzhou St., Haidian District,  
Beijing 100080 - P.R.China  
Tel: + 86 10 82 62 10 28 - Fax: +86 10 82 62 03 62  
socomec@socomec-sicon-ups.com.cn

#### INDIA

Atma Ram Mansion  
1/21 Asaf Ali Road  
IN - New Dehli - 110 002  
Tel. +91 11 23234411 - Fax +91 1123232639  
hpl@hplindia.com

#### SINGAPORE

25 Tagore Lane, # 03-04  
Singapore Godown  
SG - 787 602 Singapore  
Tel. +65 6 554-0900 - Fax +65 6 458-7377  
sg.ups.sales@socomec.com

#### THAILAND

17/178 Prachachuen Road  
Tungsonghong, Laksi  
TH - 10210 Bangkok  
Tel. +66 2 503 92 43 - Fax +66 2 503 99 23  
inquiry@socomec-unitrio.co.th

### HEAD OFFICE

**SOCOME C GROUP** SWITCHING PROTECTION AND UPS  
S.A. capital 10 956 600 € - R.C. Strasbourg 548500 149 B

#### **SOCOME C SICON UPS Strasbourg**

11, route de Strasbourg - B.P. 50 - F-67235 Huttenheim Cedex- FRANCE  
Tel. +33 (0)3 88 57 45 45 - Fax +33 (0)3 88 74 07 90  
ups.benfeld.admin@socomec.com

#### **SOCOME C SICON UPS Vicenza**

Via della Tecnica, 1 - I - 36030 Villaverla - ITALY  
Tel. +39 0445 359 111 - Fax +39 0445 359 222  
info.it.ups@socomec.com

[www.socomec-sicon.com](http://www.socomec-sicon.com)

### SALES AND MARKETING MANAGEMENT

#### **SOCOME C SICON UPS Paris**

95, rue Pierre Grange  
F-94132 Fontenay-sous-Bois Cedex - FRANCE  
Tel. +33 (0)1 45 14 63 90  
Fax +33 (0)1 48 77 31 12  
ups.paris.dcm@socomec.com

