

Suitable solutions for industry

Energy reliability in harsh environments



SOCOME Group: a manufacturer at your service



CORPO 331 A

The guarantee of a specialist

Incorporated in 1922, SOCOMEC is an industrial group with a workforce of 2,300 people.

Our independence allows us to have long-term vision and complete control of any decisions affecting our development.

The company is organised into two independent divisions: SOCOMEC SCP, experts in switching components and protection solutions, and SOCOMEC UPS, specialists in critical system power supply.

The company's standard turnover, operating profit and net profit are all showing steady growth.

These figures allow the company to make prudent yet ambitious plans for the future: plans which guarantee profitability and which also aim to capture new market share, namely by setting up new subsidiaries worldwide.

Renowned expertise

Having already received the 2004 Award for Customer Service Excellence and the

2006 Award for Product Innovation from Frost & Sullivan, SOCOMEC UPS recently has once again excelled by winning the 2009 Best Practice Award for "European Energy & Power Systems Product Line Strategy". This prestigious accolade was presented in recognition of the company's ability to propose an extensive product range demonstrating the most insight into the needs and product demands of its customers.



GAMME T63 A

SOCOME UPS
UPS from 400 VA to 5400 kVA



RANGE 046 B

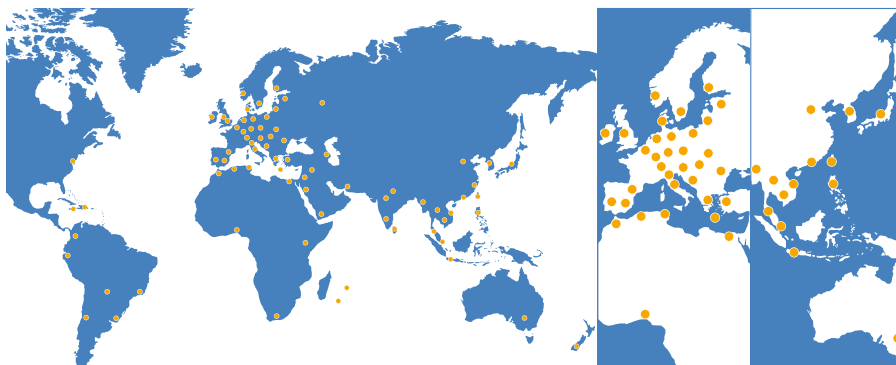
SOCOME SCP
Switching and Protection Systems

An organisation focused on customer satisfaction

Our equipment is designed and produced to meet ISO 9001:2000 standards. SOCOMEC UPS systems provide you with a fully protected electrical power supply and first-rate service.

A worldwide presence

With a strong international presence in over 70 countries and subsidiaries in 22 countries, SOCOMEC is a major player in the global market of electrical equipment.

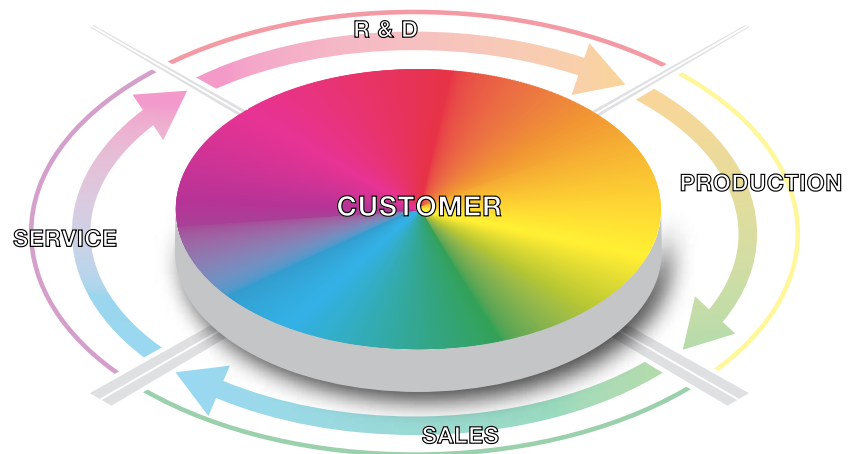


CARTE 043 A

360° organization: for a high quality power supply

Marketed under the SOCOMEC UPS trademark, our products and services fulfill all needs for a high quality, continuous electrical power supply. Our UPS, as well as our secure power supplies, static transfer systems, harmonic equalizers, rectifiers and DC/AC and AC/DC converters, comprise the most complete ranges in the world and cover a very wide range of applications for every sector of the market.

With recognized experience as a specialist in industrial power, SOCOMEC UPS provides innovative power solutions to protect typical industrial equipment against electrical power faults which prevent interruptions to production, the loss of data, or even damage to hardware.



SYDIN 025 A GB

High reliability in harsh industrial environments

- Suitable for harsh operating environment (i.e. presence of conductive dust and dripping waters, exposition to electro-magnetic pollution, etc.).
- Enhanced degree of protection up to IP52.
- Robust enclosures and electrical boards with tropicalisation anticorrosion protection.
- True frontal access for input/output cabling, spares replacement and preventative maintenance.

Easy integration in industrial electrical infrastructures

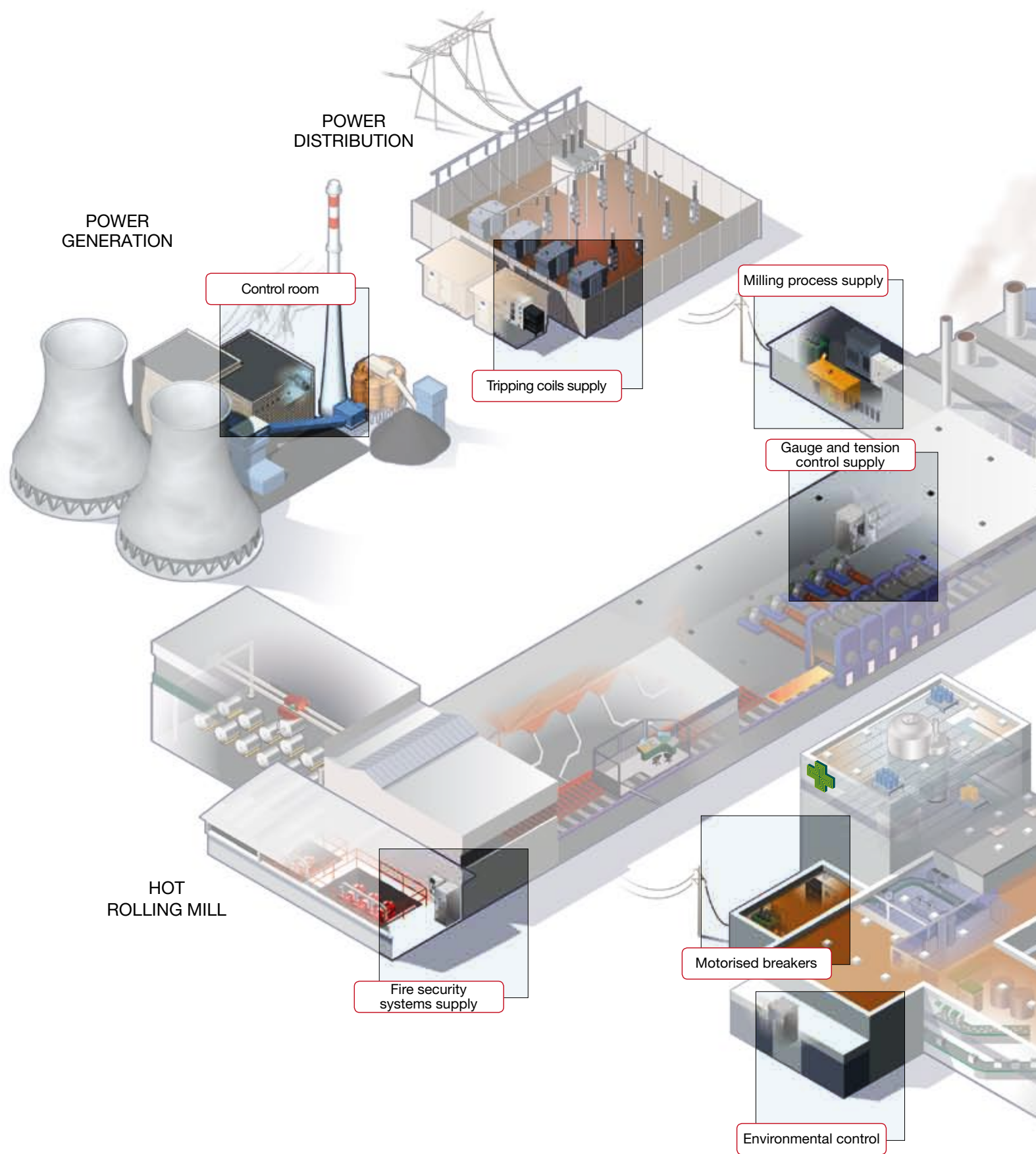
- Suited for supplying industrial loads (i.e. motors, speed drivers, pumps, sensors, lamps, etc).
- Compatibility with any neutral system arrangements (galvanic isolation).
- High short-circuit current (Icc).
- Wide input voltage tolerance.
- TÜV/Bureau Veritas certified performances.
- Flexible for special customizations.

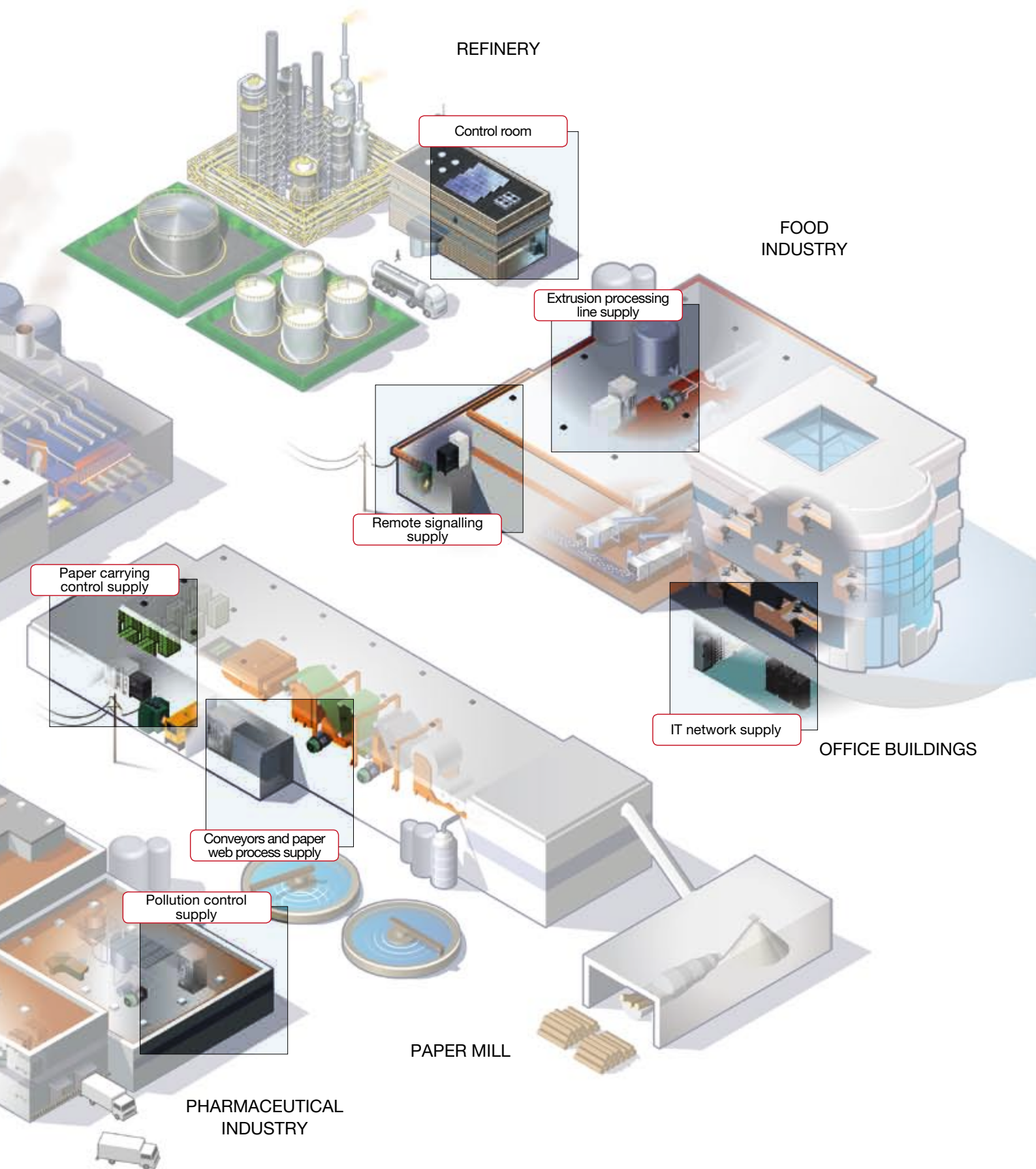
Communication

Socomec solutions can communicate using current management protocols via user friendly interfaces: dry contacts, JBus/modbus, Modbus/TCP, Devicenet, Profibus, Ethernet.



Comprehensive solutions for industrial applications





Industrial processes and process control

Certain industrial applications call for robust equipment which is able to operate in harsh environments. In contexts such as these, power interruptions cause extremely serious problems, such as lost production, equipment damage and safety.

The use of an UPS system to protect the processes becomes even necessary to guaranty the quality of the production and to avoid related non quality costs.

Socomec, perfectly aware about those aspects because of his industrial profile and his customer proximity, proposes a full range of UPS solutions for industrial applications.

MASTERYS IP+: 3ph/1ph and 3ph/3ph AC power from 10 to 480 kVA **3 4 6 9 10 11 13**



MASTERYS IP+
up to 480 kVA



The **MASTERYS IP+** series is certified by TÜV SÜD with regard to product safety (EN 62040-1) and efficiency values (EN 62040-3).

- Designed specifically for industrial applications, even operating in **harsh environments**.
- Supply and supervision of the processes ensures continuous and repetitive production quality, operator safety and cost optimizations.
- **MASTERYS IP+** guarantees service continuity and safety. His robust and flexible design assures the perfect integration in all industrial environments an electrical networks.

- Suitable for the supply of:
 - PLCs,
 - regulation systems,
 - switches, sensors,
 - supervision devices,
 - speed drives, motors...



DELPHYS MP: 3ph/3ph AC power from 80 to 1200 kVA **3 4 6 9 10 11 13**



DELPHYS MP
up to 1200 kVA

- Designed specifically for the power supply of processes and control circuits in industrial applications.
- Supply and supervision of the processes ensures continuous and repetitive production quality, operator safety and cost optimizations.
- **DELPHYS MP** guarantees service continuity and safety. His robust design assures the perfect integration in all industrial environments an electrical networks for medium power applications.

- Suitable for the supply of:
 - PLCs,
 - regulation systems,
 - switches, sensors,
 - supervision devices,
 - speed drives, motors...



DELPHYS MX: 3ph/3ph AC power from 250 to 5400 kVA **3 9 11**



DELPHYS MX
up to 5400 kVA



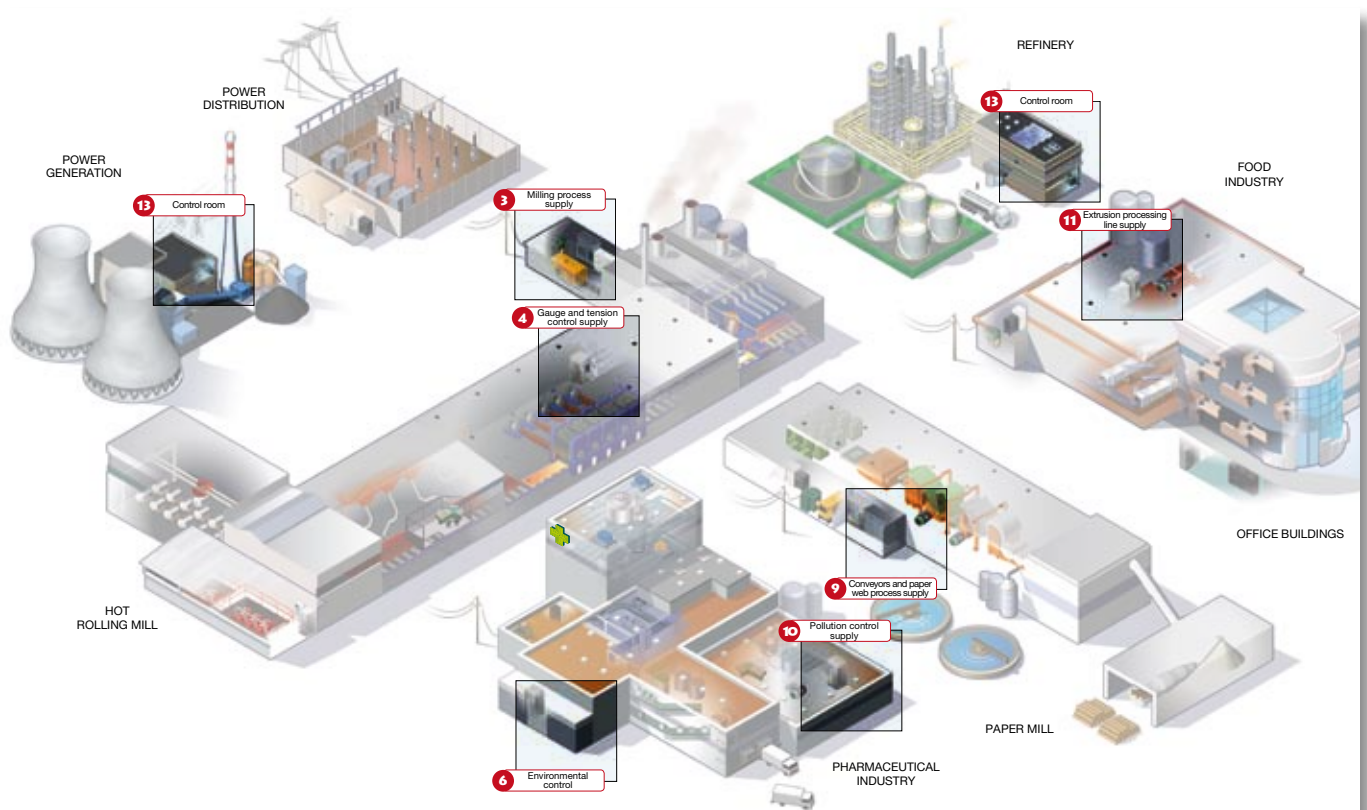
The DELPHYS MX series is certified by Bureau Veritas with regard to efficiency values (EN 62040-3).

- Designed specifically for the power supply of industrial production processes.
- Depending on the application, motors can be supplied directly from the power source or they can be supplied through various type of speed drive systems. In the first case, they are cause and object of high inrush currents and voltage dips. In the second case, the speed drive is generally generating lots of harmonics that the power source will have to manage.

- **DELPHYS MX** connected upstream to the industrial loads protects them against mains voltage disturbances and avoids electric pollution propagation, whilst maintaining low harmonic distortion upstream and warranting high default clearance capability downstream.

- Suitable for the supply of:

- conveyor belts,
- pumps,
- compressors,
- fans.



Data processing and back office

GREEN POWER: AC power from 10 to 200 kVA ¹²



GREEN POWER

Designed to protect sensitive professional IT applications. The high efficiency **up to 96%** reduces energy loss and limits the requirement of air conditioning systems. The wide input tolerance and the flexible backup times guarantee a high quality power supply to your server and offices.

Suitable for the supply of:

- industrial networks,
- computer networks,
- LAN/WAN networks,
- servers.



96%
The highest efficiency
performance on the market



The **Green Power** efficiency
is certified by TUV SUD



The **GREEN POWER** series
is certified by Bureau Veritas
with regard to efficiency
values (EN 62040-3).

Emergency and security

CPSS **EM**ergency: AC power from 3 to 200 kVA ²



CPSS **EM**ergency

Centralised Power Supply Systems are designed for buildings subject to fire safety and life protection regulations and are fully compliant with **EN 50171** standard. The CPSS are designed chiefly to supply emergency lighting in the event of a failure in the normal power supply, but can also be used to supply other emergency systems:

- automatic fire extinguishing installations,
- emergency detection and warning units,
- smoke extraction equipment,
- carbon monoxide detection systems,
- specific safety installations in sensitive areas.



Energy control and monitoring

SHARYS IP: DC power from 15 to 200 A, 24-48-108-120 V **1 5 7 8**

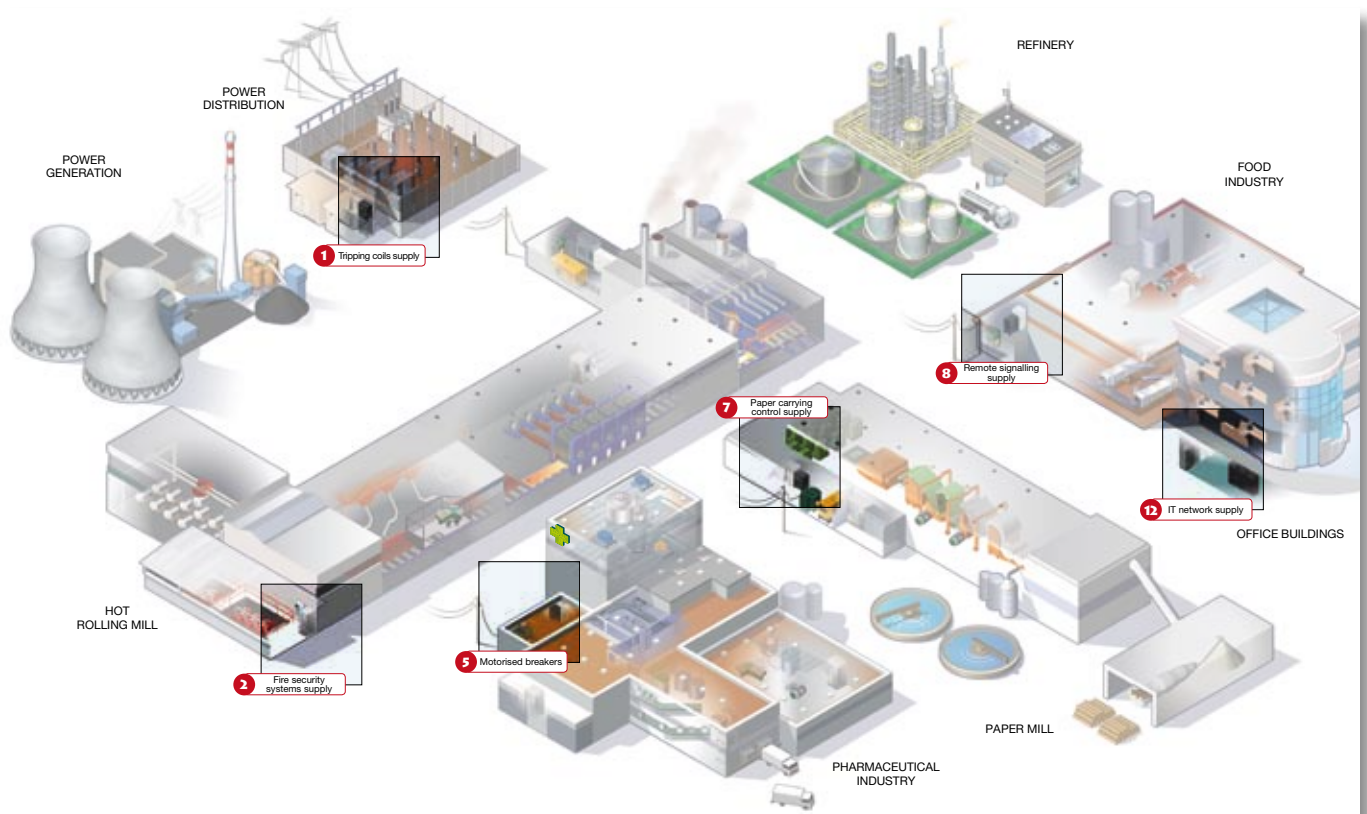


SHARYS IP

Fully adaptable solutions for **harsh environments** requiring **high availability** and effective communication. **SHARYS IP** ensures availability, modularity and unitary input power factor.

Suitable for the supply of:

- tripping coils of MV/LV sub stations,
- signalisation devices,
- sensors,
- PLC,
- generator control,
- communication systems.



Presales and aftersales service

The expertise of a single design, construction and maintenance supplier

Since 1968, SOCOMEC has been developing products and services which are geared towards the quality and continuity of your high quality energy.

Our teams provide you with not only an understanding of your needs, but also their expertise in the areas of electronic components, DC circuits, operating logic and industrial IT.

Their attentiveness and advice actively contribute to an optimised definition of requirements and to ensure that all engagements undertaken are fulfilled.

Commissioning, Inspection and Maintenance provides services for:

- installing equipment,
- preventive maintenance,
- ad-hoc maintenance for breakdowns,
- “around-the-clock” skilled personnel available,
- consultancy, design and implementation of the systems,
- installation management and upgrades.

Service for disaster recovery

SOCOMEC UPS maintenance service provides effective protection for your installation and assures the continuing high availability of the UPS.

However, it is very difficult preventing a natural disaster, such as flood, fire, smog, etc., but it is possible to take the necessary precautions.

Such as SOCOMEC UPS Maintenance recovery Programme options dedicated to suit the needs of Data Center facilities.

T.Service

- 24/7/365 monitoring.
- Preventative and early fault detection.
- Reduced human dependence.
- Periodic status reports.
- Automatic intervention of manufacturer service personal.
- Remote assistance of skilled engineers.
- In-depth knowledge of the plant.

Thermography

- Non-invasive technique to scan the plant via infrared camera.
- Due to its highly effective diagnostic of cable connections and clamps (not possible using conventional visual checks) it highlights areas of concern, allowing proactive prevention of possible issues.
- Focuses on cost reduction.
- Seamless checking carried out without downtime requirements.

Power Quality Audit

- Complete analysis of the electrical plant addressing site reliability, efficiency and safety.
- It provides a complete view of the correct operating state of the electrical plant.

Rental service

- Availability of UPS renting fleet.
- In case of unforeseen natural disaster, it ensures a high-quality temporary power solution in the waiting of the full restore of your equipment.
- Includes everything, from operation and maintenance to removal at the end of the rental period.



Our commitment to **Absolute Green**

For maximum **availability** and true cost **savings**

Recent technology developments have seen the emergence of loads which are able to operate despite of very minor power interruptions.

As a result, there is a growing opinion supporting the use of true on-line UPS systems in line-interactive or even off-line mode, without exploiting their maximum level of protection (on-line mode) pushed by the fact that the first two have less energy consumption compared to true on-line.

In fact, even in countries with the best power quality, high-quality power supplies are frequently compromised by consumer loads within the system itself, such as harmonics,

flicker, frequency variations, power cuts and surges. It is important to remember that the primary aim of mission-critical services is to ensure business continuity, which is only possible if the UPS operates in true on-line mode.

The essential questions are: is it affordable to compromise your business continuity protection, only thinking on money saving (off-line mode) and, does it make sense to choose the leading protection technology (on-line) if you don't always take full advantage of it?

We consider that true on-line technology is the only one which is able to provide

the maximum availability with a total protection against surges, transients and electrical impurities to and from the power supply.

Socomec UPS is able to ensure true cost saving without compromise: our UPS range have been independently certified to have the highest efficiency performance on the market, for true on-line double conversion technology, up to 96%, keeping your business totally protected.



Availability

- The system is supplied with top-quality electrical power, minimising the risk of downtime.
- Protection is ensured by the use of on-line double conversion UPS, the most reliable technology on the market.
- The system is fully safeguarded against blackouts and any disturbance caused by the mains power supply and by distorting loads.

Saving

- UPS energy costs cut by up to 40%.
- The saving is guaranteed by the highest available efficiency performance for on-line double conversion UPS on the market, certified up to 96%.
- Optimising the power supply to the system makes it possible to reduce the use of non-recyclable materials and cut CO₂ emissions.



Global Compact

Since 2003, SOCOMEC group joined the United Nations "Global compact", initiative that aims to tackle the social and environmental challenge of globalization.



ISO 14001

This internationally recognised standard make a self-determination of Socomec UPS environmental management system.



The Green Gridsm membership

The Green Grid is an association working with IT professionals to dramatically improve energy efficiencies for data centers and IT key equipment in industry.

European Code of Conduct (CoC)

By signing the Code of Conduct, Socomec UPS is taking firm steps to improve the efficiency and the quality of its UPS systems.

Socomec UPS worldwide

IN EUROPE

BELGIUM

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

FRANCE

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

GERMANY

Heppenheimerstraße 57
D - 68309 Mannheim
Tel. +49 (0) 621 71 68 40
de.ups.all@socomec.com

ITALY

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

NETHERLANDS

Bergveste 2F
NL - 3992DE Houten
Tel. +31 (0)30 63 71 504
nl.ups.sales@socomec.com

POLAND

ul. Mickiewicza 63
01-625 Warszawa
Tel. +48 22 825 73 60
ups.poland@socomec.com

PORTUGAL

Núcleo Empresarial de Mafra II
Av. Dr. Francisco Sá Carneiro, Fração N
2640-486 Mafra
Tel. +351 261 812 599
portugal@socomec.com

ROMANIA

Heliade Intre Vii Street no.8, 2 District
023383 Bucharest
Tel. +40 21 319 36 88 (89, 81, 82)
info.ups.ro@socomec.com

RUSSIA

4th Street 8 Marta, 6A, 405
125167 - Moscow
Tel. +7 495 775 19 85
ups.russia@socomec.com

SLOVENIA

Savlje 89
SI - 1000 Ljubljana
Tel. +386 1 5807 860
si.ups.info@socomec.com

SPAIN

C/Nord, 22 Pol. Ind. Buvisa
E - 08329 Teià (Barcelona)
Tel. +34 935 407 575
info.ups.sib@socomec.com

UNITED KINGDOM

Units 7-9 Lakeside Business Park
Broadway Lane - South Cemey
Cirencester - GL7 5XL
Tel. +44 (0)1285 863300
uk.ups.sales@socomec.com

OTHER EUROPEAN COUNTRIES

Tel. +39 0444 598 611
info.ups.emea@socomec.com

IN ASIA

CHINA

Universal Business Park
B33, 3rd Fl, 10 Jiuxiangqiao Rd.,
Chaoyang, Beijing 100016 P.R., China
Tel. +86 10 59756108
socomec@socomec.com.cn

INDIA

B1, 11nd Floor, Thiru-Vi-Ka-Industrial Estate
Guindy
Chennai - 600 032
Tel. +91 44 3921 5400
sales@socomec-ups.co.in

MALAYSIA

31 Jalan SS 25/41 - Mayang Industrial Park
47301 Petaling Jaya - Selangor, Malaysia
Tel. +603 7804 1153
sales@cspm.com.my

SINGAPORE

31 Ubi Road 1, Aztech Building
01-00 (Annex) - SG - Singapore 408694
Tel. +65 6745 7555
sg.ups.sales@socomec.com

THAILAND

No.9 Soi Vibhavadirangsit 42
Vibhavadirangsit Rd, Ladyao
Chatujak Bangkok 10900
Tel. +66 2 941-1644-7
info@socomec-th.com

VIETNAM

539/23 Luy Ban Bich St.,
Phu Thanh Ward, Tan Phu Dist
Ho Chi Minh City
Tel. +84-839734.990
info@socomec-vn.com

IN OCEANIA

AUSTRALIA

Level 9, Avaya House
123 Epping Road
North Ryde, NSW 2113
Tel. +61 2 8985 7365
james.fraser@socomec.com

AFRICA

AFRICAN COUNTRIES

Tel. +39 0444 598 611
info.ups.emea@socomec.com

AMERICA

LATIN AMERICAN COUNTRIES

Tel. +34 935 407 575
info.ups.sib@socomec.com

MIDDLE EAST

MIDDLE EASTERN COUNTRIES

Tel. +39 0444 598 611
info.ups.emea@socomec.com

HEAD OFFICE

SOCOMECS GROUP

S.A. SOCOMECS capital 11 303 400 € - R.C.S. Strasbourg B 548 500 149
B.P. 60010 - 1, rue de Westhouse - F-67235 Benfeld Cedex

SOCOMECS UPS Strasbourg

11, route de Strasbourg - B.P. 10050 - 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

SOCOMECS UPS Isola Vicentina

Via Sila, 1/3 - I - 36033 Isola Vicentina (VI) - ITALY
Tel. +39 0444 598611 - Fax +39 0444 598622
info.it.ups@socomec.com

www.socomec.com

SALES, MARKETING AND SERVICE MANAGEMENT

SOCOMECS 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

YOUR DISTRIBUTOR

Non contractual document. © 2010, Socomec SA. All rights reserved.

