

Financial institutions, Banks, Insurance providers

Providing high availability electrical power solutions



Socomec Group: a manufacturer at your service



An established manufacturer

Created in 1922, SOCOMEC is an industrial group with a workforce of 2000 people.

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

The organisation is split into two separate sectors: SOCOMEC SCP, experts in switching components and protection solutions, and SOCOMEC SICON 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 shares, namely by setting up new subsidiaries worldwide.

Renowned expertise

After receiving the award for "Excellence in Customer service" from Frost & Sullivan in 2004, Socomec Sicon has once again excelled by winning the Innovative Product award 2006 for the innovative solution of integrating the battery less DC storage device VSS⁺ DC with its own **DELPHYS** range.



SOCOMEC SICON UPS
UPS from 400 VA to 4800 kVA



SOCOMEC SCP
Switching and protection systems

Services which protect your business

As the availability of electrical energy is of strategic importance to your business, the quality of our service is as important as the quality of our product.

As designer, manufacturer and service provider, SOCOMEC SICON UPS knows that the operational requirements of your business mean that there can be no interruption to your supply.

The **CIM** (Commissioning Inspection and Maintenance) team operates globally.

The service provided by our engineers and technicians includes:

- installing equipment,
- maintenance,
- technical support.

An organisation focussed on customer satisfaction

The equipment is designed and produced to meet ISO 9001:2000 standards. SOCOMEC SICON UPS systems provide you with a fully protected electrical power supply and high quality service.

A worldwide presence

With a strong international presence in over 70 countries and subsidiaries in 17 countries, SOCOMEC is a major player in the global market of electrical equipment.



CARTE 017 A



Your critical systems require a high quality, secure supply of electrical energy

Strategic importance

Whether your IT systems are centralised or located in various sales offices, a secure electrical power supply is of strategic importance to your business.

As your business opens up to the global market-place, it becomes increasingly important for processes to be computerised. Your distribution strategies must be innovative and make information easily accessible to your customers.

Data exchange and access requirements mean that a break in your electrical power supply or a poor quality supply of electricity could cause significant financial losses that may be difficult to estimate.



Your sites	Your supply requirements for IT data	Your supply requirements for backup systems
<ul style="list-style-type: none">• Head office• Computer• Backup centres• Regional management	<ul style="list-style-type: none">• IT servers• Computers• Front offices• Online customer servers• Telecoms applications• Office automation PCs	<ul style="list-style-type: none">• Emergency lighting• Fire safety• Controlled access
<ul style="list-style-type: none">• Offices	<ul style="list-style-type: none">• Local server• LAN network• Local data processing• Cash machines (ATM)• Automatic Banking Machines (ABM)	



A complete range of solutions for securing

Your offices need modular solutions

The market in which you are operating requires you to implement innovative solutions to retain your competitive edge.

From 9 to 90 kVA, the design of the **MODULYS** and **MASTERYS EB** UPS is based on modules which can be removed and replaced, to offer a truly future proof system.

They enable you:

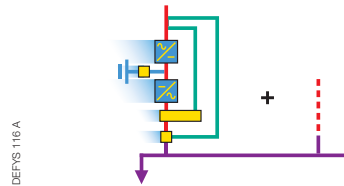
- to upgrade your power and redundancy at any time by adding extra modules,
- to carry out maintenance without interruption to operations thanks to "hot swap" modules.



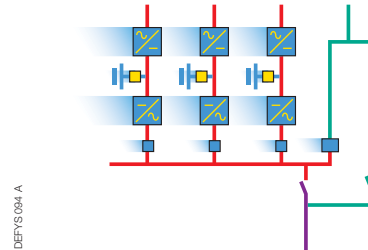
Your data-processing centres cannot afford any interruption to operational services

SOCOMEc, the expert energy provider, offers different architectures to meet the most demanding criteria in terms of flexibility and upgradability.

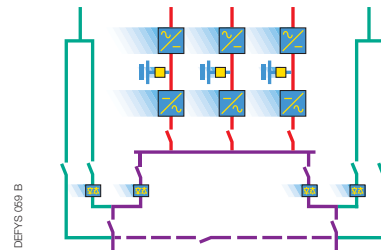
- **Upgradable unit:**
for unlimited development.



- **Centralised bypass parallel units:**
for planned upgrades.

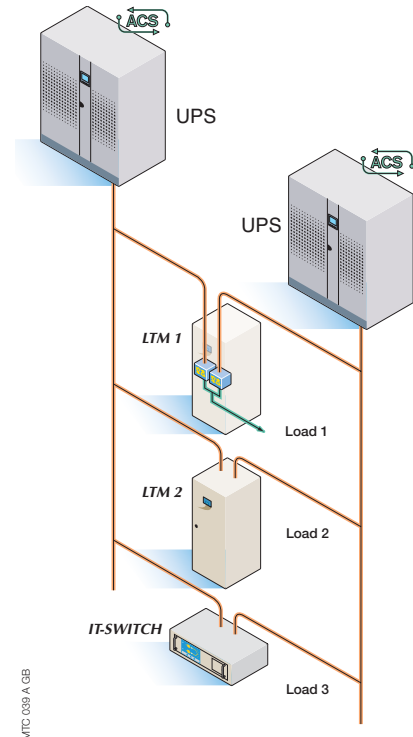


- **Double bypass parallel units:**
to manage two independent applications.



Your data servers have high availability requirements

- The independent dual source supply to your critical applications gives you redundancy as close as possible to your operational equipment.
- The **IT SWITCH** and **LTM** (Load Transfer Module) systems, commonly known as Static Transfer Systems, protect you against: failure of the main power supply, accidental opening of upstream protection, and the consequences of disruptions across systems, such as short circuits, which would affect equipment supplied by the same source.



Electrical energy availability

- UPS from 400 VA to 4 800 kVA
- Static transfer systems from 16 to 4 800 A
- Central Power Supply Systems (CPSS) from 3 kVA to 200 kVA
- Harmonic compensators



NETYS and UPS ENTERPRISE

(UPS from 400 VA to 3 000 VA) to supply PCs and small servers in your offices network.

all your applications

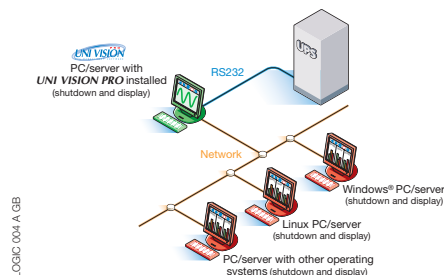
Your **equipment** requires network administration

SOCOMEC SICON UPS systems are like computer peripherals. They are remotely managed by IT technicians via RS 232 or your Ethernet network.

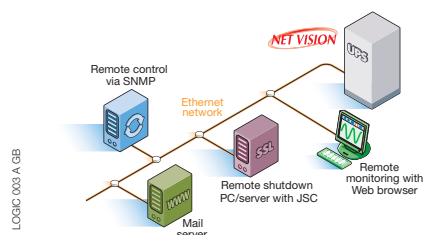
The interfaces and software on offer also allow environmental information (temperature, humidity, genset) to be controlled.



In your offices, **UNI VISION PRO** connected to your local server, enables graphic monitoring of the UPS, and also allows network applications to be shut down.



NET VISION, connected to the Ethernet network in your data-processing centre, enables network PC servers to be shut down.



Your **electrical network** requires harmonics to be suppressed



Single-phase IT equipment uses non sinusoidal current and generates harmonic pollution throughout the electrical network.

ATRYs harmonic compensators, located as close as possible to the polluting equipment, improve the quality of the waveform by reducing the rate of distortion.

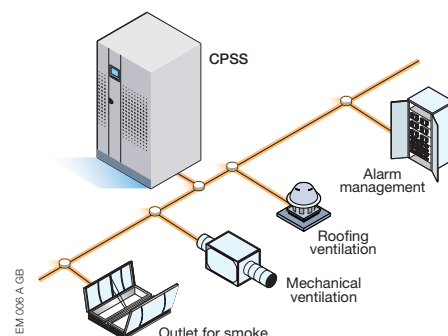
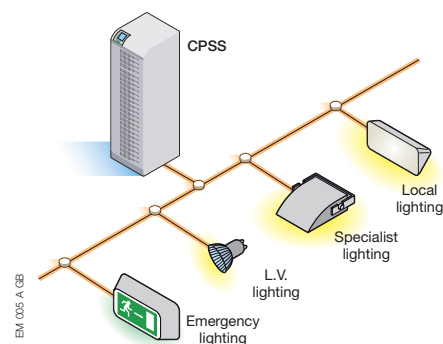
Other equipment supplied by the electrical network operates in better conditions and its service life is increased.

Your **company** has a Public Access Site or Employee Access Site and must guarantee the safety of these people



Sites must comply with rules and regulations relating to Public Access Site and Employee Access Site.

CPSS **EMergency**, is a range of emergency lighting supply systems which has been specially designed to meet your requirements. It supplies power to your emergency lighting or your fire safety systems.



MODULYS and MASTERYS EB

(UPS from 1.5 to 90 kVA) modular solutions which can adapt to your data requirements in terms of power and redundancy.



MASTERYS

(UPS from 8 to 80 kVA) a complete range to supply network servers.



DELPHYS MP and MX

(UPS from 20 to 4 800 kVA) a range to supply your data-processing centres.



Choose an experienced specialist like your

The expertise of a specialist manufacturer

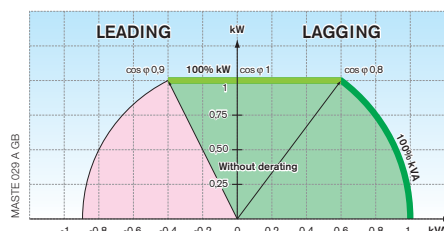
Since 1968, SOCOMEC has been developing quality products and services which aim to provide you with a high quality, secure supply of electrical energy.

Exclusive solutions

To meet your supply needs for critical equipment, SOCOMEC SICON offers solutions drawn from extensive experience with high quality power supplies using the latest technology.

High quality power supply

Precision in the voltage required by your IT equipment is guaranteed by digital modulation. The new loads in the IT equipment are "distorting loads" or loads with a leading power factor. SOCOMEC SICON UPS systems have been specially designed to supply this equipment without downgrading its nominal power.



Cutting infrastructure costs

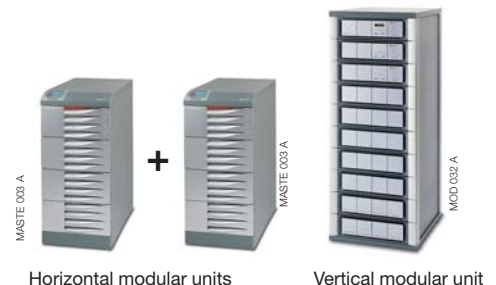
With innovative rectifiers using sinusoidal current, our systems can easily be integrated into your workplace.

These remove the constraints of harmonics on your upstream network and limit the current consumed:

- this technology means that there is no need to invest excessively in the source power infrastructure, transformers and gensets,
- the increased power factor upstream of the rectifiers means that the cables used can have smaller cross-sections and thinner protective insulation,
- high short circuit current, simplifying the protection needed to maintain selectivity upstream,
- smaller footprint, reducing the impact on spatial requirements.

A progressive investment

Vertical modular UPS and horizontal parallel modular configurations make it possible to spread your power investment over time and according to your needs.

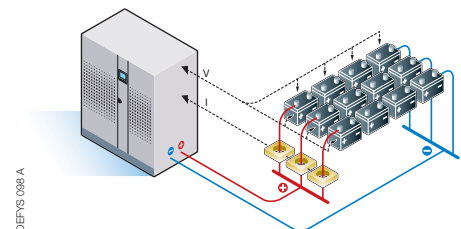


Availability of your backup power supply

With a UPS, the battery is rarely used but it is essential that it is always available.

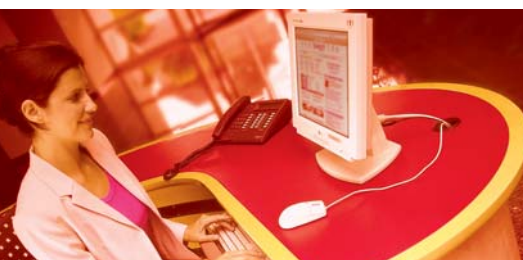
To protect your battery power SOCOMEC SICON offers you exclusive technology:

- automatic tests are run to update you continually on the condition of the battery,
- conventional floating is replaced by an algorithm charge which automatically adapts to the environmental parameters and the condition of the battery,
- detection of a faulty battery unit makes repairs easier.



To guarantee a return on your investment and quality service, you need:

- > An established manufacturer
- > Expert support
- > A powerful range of products
- > Highly reliable solutions
- > Reduced cost of ownership



partner for high quality energy

Simplified operation

The SOCOMEC SICON range has been designed to enable architectures which meet your needs: redundancy, specific configurations and connection with static transfer systems.

The many solutions available enable your equipment to be maintained without interrupting the operation of your critical systems.

Reduction in operating costs

Offering increased output and innovative functions, ECO-MODE and ENERGY SAVER, reduce the electrical energy costs for your UPS as well as cutting costs for related ventilation or air conditioning.

Simplified diagnostics and maintenance

The monitoring and control panel allows the operating conditions to be monitored intuitively. The interfaces and software enable network administrators to monitor your equipment from a distance.

Your equipment is remotely managed via the telephone network (modem) or via the internet with the **e.SERVICE**.

Specialists at your service

To guarantee complete customer satisfaction, SOCOMEC SICON UPS's team of experts worldwide are on hand to meet your electrical energy needs.

The availability of high quality

The equipment is designed to tolerate component failure and includes many redundant functions. This ensures the continuity of the energy supplied to your critical equipment in an emergency.

Easy access to sub-assemblies and components means that maintenance times are reduced.

Some of our global customers in your market

Germany

Barclay's Bank - Hypotheken bank - Landensbank - Colbert bank - Kreissparkasse - Comdirektbank

Andorra

Banca privada d.Andorra - Caixa bank

Argentina

Banco Torsquit - Banco Itau - HSBC

Belgium

Dexia - Banque Degroof - Puilaetco Dewaay - Generali - Starter - National Bank - Fortis bank - ING - KBC - Credit agricole - AG Fortis - BBL

Brazil

Banco Itau - Banco Santander - Boston Bank

China

China People's Bank - China construction bank - ICBC - Bank of China - Agricultural Bank of China

Croatia

PBZ Zagreb - RBA - OTP - MBU - CREDO Banka - FINA - HNB - Volksbank

Spain

Banc Sabadell - Halifax Bank - Banesto - Bankinter - Caixa D'enginyers - Caixa de Tarragona - Caixa de Sabadell - Caixa d'arquitectes - Caja rural de Huelva - BNP - Caixa de Catalunya - Caja rural de Toledo - Ibercaja

France

Assurances Aviva - Credipar - Mondial Assistance - AGF - AXA - CCIP Bourse du Commerce - Mutualité Sociale Agricole - BFCM - BNP Paribas - Banque de France - Crédit Agricole - LCL - Société Générale - Crédit du Nord - Banque Scalbert Dupont - Compagnie Bancaire - Crédit Mutuel - Caisse d'Épargne - Caisse de Dépôts et Consignations - La Poste - CCF - Banque Anjou - Natexis Banques Populaires - HSBC

Hong-Kong

Hong Kong Bank - Goldman Sachs - Barclays Bank

Indonesia

Bank of Indonesia - Chase Manhattan Bank

Italy

Banco di Roma - Leasinggroup - Leasingartigiano - Banca intesa - Banca CRT - Leasimpresa - Banca agricola - Banca cattolica - Banca romagna centro - Banca di romagna - Banca di credito cooperativo - Assicurazioni generali - Banca delle marche - Banca del Friuli - Banco di sicilia - Banca del sud - Banca lombarda sede centrale - Banco ambroveneto - Banca di credito popolare

Malaysia

Ambank - Am Securities - BSN Commercial Bank - CIMB Bank - KL City Securities - ECM Libra Securities - Maybank - Maybank Insurance - Maybank Securities - OCBC Bank - RHB Bank

Montenegro

Atlas Bank - Euromarket Bank - Central Bank - CKB Bank - HB Bank - Montenegro Bank

United Kingdom

Sungard Finance - Nomura Bank - Lloyd Bank Abbey - Merrill Lynch - London Stock Exchange - Deutsche bank - Egg - Royal Bank of Scotland - Woolgate Exchange

Russia

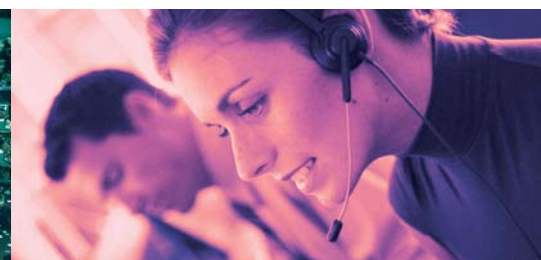
Sberbank branch - Ingosstrakh Petrokom merzbank - Tatfondbank Vneshtorgbank - CJSC Hermes - Transkreditbank

Singapore

Alliance Securities - TatLee Securities - Australia & N.Z. Bank - Fuji Bank - Yamaichi Securities - Westminster Bank - OAV Bank - ToKao Bank - Bank - ICBC Bank - Keppel Bank - National Australia Bank - Tokai Bank - Hong Leong Finance - Sumitomo Bank - Merrill Lynch - Bank Boston NA - Rep. Nat. Bank NY - Hypovereinbank - Sumitomo Bank - Prudential Insurance - Yasuda Insurance - AIG

Thailand

Metropolitan Bank - Siam Commercial Bank - Jadine Matheson LTD - Thanachart Bank PCL - Bank of Ayudhaya - Bangkok Bank



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