

New range of scalable UPS up to 1.2 MW from SOCOMECEC, entirely designed and manufactured in Europe

Benfeld, 09 January 2016

A leader in the development and manufacture of large integrated UPS systems (Uninterruptible Power Supplies), SOCOMECEC is proud to present several new scalable and energy-efficient solutions. The equipment combines the advantages of the Green Power 2.0 technology and the flexibility of a modular system.

Power adapted to demand

The rapid technological changes in IT systems mean that the electrical supply infrastructure needs to be increasingly adaptable and responsive. Ease of upgrading has become crucial to ensure the power supply in the short term and the adaptation in the long term of many electrical facilities. And there is a further advantage to having scalable systems: they allow quick deployment at a better cost.

DELPHYS Xtend GP – scalable hot-swap UPS systems up to 1.2 MW

DELPHYS Xtend GP is a UPS system whose total power output can be upgraded by the addition of power blocks in order to meet increases in load demand. The system allows the electrical facility to evolve without any impact on the existing infrastructure. During power upgrades or during servicing of the blocks, the load remains completely protected by the double conversion (“on-line” mode).

DELPHYS Xtend GP is the innovative solution for protecting critical loads, especially:

- large data centres,
- large telecom infrastructures,
- healthcare buildings,
- and more generally, any service or industrial applications that have many loads.

The “hot-scalability” or “hot-swap” function means the total power of the system can be upgraded without interruption to service continuity, within the limits of the requirements initially stated by the customer. Total power can thus reach 1200 kW by the addition of 200 kW modules. This function is assured by pre-wired units (Xbays) that connect or disconnect the power blocks (Xmodules) without modifying the surrounding electrical infrastructure. Even when complete, the system remains open to future evolutions.



Easy to install and implement, the system ensures safety during servicing operations, for both technical operators and users.



Power upgrades are done via the addition of hot-swap cabinets.

Based on a concept of flexible “bricks”, the DELPHYS Xtend GP system adapts to any type of infrastructure and environment.



To check its back-up function and its correct operation, the DELPHYS Xtend GP UPS integrates a BCR function (Battery Capacity Re-injection) that tests the level of charge in the battery. This function, developed by SOCOMECS, is an especially interesting innovation that provides cost savings (reduced TCO): simplified infrastructure, energy savings, faster programming, etc.

MODULYS GP - modular UPS from 25 to 600 kW

Another scalable UPS solution with the Green Power 2.0 technology is the MODULYS GP range. The principle is the same: the power output by a single MODULYS GP unit can be scaled from 25 to 200 kW via the addition of power modules that are stacked vertically within the same cabinet.

The new feature is its horizontal modularity: it is now possible to link up to three cabinets in parallel to have a system able to provide a total power output of 600 kW. Designed with no single point of failure, the solution provides total redundancy of N+1 or N+2.

The MODULYS GP UPS provide a highly available power supply solution for critical applications present in technical IT rooms, data centres, banks, healthcare establishments, insurance companies and telecommunications. With two levels of extension available, the user can meet unpredictable power demand at the best cost.

MODULYS RM GP - a modular UPS system for integration in 19" racks

The quality of the MODULYS GP is now also accessible for users who want to integrate the UPS function in existing 19" racks.

MODULYS RM GP is a three-phase UPS system for protecting critical loads that has been specially designed to be incorporated into 19" rack cabinets. It can comprise up to 4 modules of 25 kW.

Easy to integrate, use and service, it is extremely compact and leaves sufficient space for other devices to be mounted on the racks.

Green Power 2.0

The UPS solutions using the Green Power 2.0 technology offer the same advantages:

- Output efficiency of up to 96%,
- Reduced power bills and cooling costs when operating in VFI mode,
- Unitary Power Factor (PF = 1) that ensures an excellent euro / kW ratio,
- Levels of performance certified by Bureau Veritas.

Conformity to standards

The entire Green Power 2.0 range complies with the recommendations set out in the European Code of Conduct (CoC) governing data centres in order to reduce energy consumption and greenhouse gas emissions. The range is also covered by a Product Environment Passport (PEP). All the ranges mentioned above are designed, tested and manufactured in Europe.

Key points

- Delphys Xtend GP: hot-swap power upgrades up to 1.2 MVA/MW
- Modulys GP: scalable up to 600 kVA/kW
- Modulys RM GP: scalable up to 4x25 kVA/kW
- All the advantages of the Green Power 2.0 technology
- Designed and manufactured in Europe

ABOUT SOCOMEC

Founded in 1922, SOCOMEC is an industrial group with a workforce of over 3000 people spread over 21 subsidiaries in the world. Our core business - the availability, control and safety of low voltage electrical networks with increased focus on our customers' power performance. In 2014, SOCOMEC posted turnover of 428 M€.



MORE INFORMATION

Press contact:
Virginie GUYOT
Offer Communication Manager
Tel. : +33 (0)3 88 57 78 15
E-mail : virginie.presse@socomec.com

www.socomec.com