BROCHURE

SUNSYS Energy Storage Solutions

Cutting edge technologies to meet your requirements



Our outdoor energy storage systems

Our solutions are designed around two main cabinets: batterie cabinets (B-Cab) and converter cabinets (C-Cab). Our portfolio includes two versions of different capacity:

SUNSYS HES L

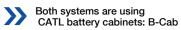
 $50~\mbox{kVA}$ / $186~\mbox{kWh}$ to $550~\mbox{kVA}$ / $1116~\mbox{kWh}$ per system

Each B-Cab is 186 kWh. Up to 6 can be put in parallel, hence 1116 kWh.
Each C-Cab hosts up to 6 modules of 50 kVA each, hence 300 kVA max. Up to 2 can be put in parallel, reaching up to 550 kVA.

SUNSYS HES XXL

1 MVA / 2 MWh to 6 MVA / 23 MWh per system

Each B-Cab is 407 kWh. Up to 14 can be put in parallel, hence 5703 kWh. The C-Cab is a centralized converter able to operate from 1 MVA to 1.5 MVA. Systems can be put in parallel to reach installations of several MVA



These are high safety LFP technology battery cabinets and include fire safety.







Dedicated engineering, project management and Service teams

for wide deployment all over the world

10+ years of experience in supporting customer's projects

Pre sales support

- Analysis of customer requirements.
- Pre-technical design.
- Quotation of the technical solution.

Project design and realization

- Allocation of a project manager to lead the project.
- Design of the complete solution.
- Production and procurement.

Tests and commissioning

- Site inspection.
- Site acceptance tests and commissioning.
- Documentation and customer training.

Operating and maintenance services

- Troubleshooting, data management and reporting.
- Preventive maintenance.
- Warranty management.

Our key applications

To reduce the electricity bills, to improve the resilience of your power grid and to facilitate access to electricity.



Commercial and Industrial Buildings

Turn on multiple energy storage services to reduce energy costs and improve power availability.



Isolated sites

Provide a reliable power supply with multiple sources for off-grid microgrids.



Resilient microgrids

Ensure energy independence for backup in case of loss of grid supply.



Renewable energy integration

Optimize the injection of renewable energy into the electricity network.



EVCI

Optimize the capacity of electric vehicle charging infrastructures and reinforce your grid.



Grid support

Provide crucial support during peak demand, stabilize frequency and voltage fluctuations, and contribute to grid reliability.



Socomec: our innovations supporting your energy performance

independent manufacturer

4,200 employees worldwide

% of sales revenue dedicated to R&D

OU experts dedicated to service provision

Your power management expert







MONITORING



POWER CONVERSION



ENERGY STORAGE



EXPERT

The specialist for critical applications

- Control, command of LV facilities
- Safety of persons and assets Energy management
- Measurement of electrical parameters
- Energy quality
- Energy availability
- Energy storage
- Prevention and repairs
- Measurement and analysis
- Optimisation
- · Consultancy, commissioning and training

A worldwide presence

Zproduction sites

- France (x3)
- Italy (x2)
- Tunisia • India
- China (x2)
- USA (x2)
- Canada

30 subsidiaries and commercial locations

- Algeria Australia Austria Belgium China
- Canada Dubai (United Arab Emirates) France (x2)
- Germany India Indonesia Italy Ivory Coast
- Netherlands Poland Portugal Romania Serbia
- Singapore Slovenia South Africa Spain Sweden
- Switzerland Thailand Tunisia Turkey UK USA

80 countries where our brand is distributed

HEAD OFFICE SOCOMEC, INC.

9 Galen Street, Suite 120 Watertown, MA. 20472 (617) 245-0447 info.us@socomec.com

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