

BROCHURE

SUNSYS Energy Storage solutions

Cutting edge technologies to meet your requirements



When **energy** matters



Our outdoor energy storage systems

Our solutions are designed around two main cabinets: batterie cabinets (B-Cab) and converter cabinets (C-Cab). They can be completed with additional DC or AC cabinets. Our portfolio includes two versions of different capacity:

SUNSYS HES L

50 kVA/186 kWh to
300 kVA/1116 kWh systems

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



SUNSYS HES XL

500 kVA/1116 kWh to
500 kVA/2232 kWh systems

Each B-Cab is 279 kWh. Up to 8 can be put in parallel, hence 2232 kWh. The 500 kVA C-Cab is composed of a converter, an isolation transformer and a DC combiner. Systems can be put in parallel to reach installations of several MVA.



Both systems are using CATL battery cabinets: B-Cab

These are high safety LFP technologies battery cabinets and include fire safety systems.



Compatible with many EMS*



Local and remote management



Datacollecting and cloud computing



Watch the video

* SUNSYS HES L can be supplied with Energy Toolbase EMS integrated.

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. Project sizing.
- 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

- Factory acceptance tests (option).
- 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.



SITE 1152

Commercial and Industrial Buildings

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



SITE 020

Off-grid sites

Provide a reliable power supply with multiple sources for disconnected microgrids.



SITE 088

Colocation with solar

Optimize the injection of renewable energy into the electricity network.



SITE 1027

Colocation with EVCI

Optimize the capacity of electric vehicle charging infrastructures.



CARTE 095

Worldwide references

200 systems operating and serviced around the globe

Socomec: our innovations supporting your energy performance

1 independent manufacturer

3,600 employees worldwide

10 % of sales revenue dedicated to R&D

400 experts dedicated to service provision

Your power management expert



POWER SWITCHING



POWER MONITORING



POWER CONVERSION



ENERGY STORAGE



EXPERT SERVICES

The specialist for critical applications

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

A worldwide presence

12 production sites

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

28 subsidiaries and commercial locations

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

80 countries where our brand is distributed

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