

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

100 kVA/186 kWh to 900 kVA/1674 kWh per system

Each B-Cab is 186 kWh. Up to 9 can be put in parallel, hence 1 674 kWh.

Each C-Cab hosts up to 6 modules of 50 kVA each, hence 300 kVA max. Up to 3 can be put in parallel, hence 900 kVA.

## SUNSYS HES XXL

500 kVA/1116 kWh to 1500 kVA/5208 kWh per system

Each B-Cab is 372 kWh. Up to 14 can be put in parallel, hence 5208 kWh. The C-Cab is a centralised converter able to operate

from 500 kVA up to 1.5 MVA. 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

## 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.



SYNAT 020

## Off-grid sites

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



SITE 989

## Colocation with solar

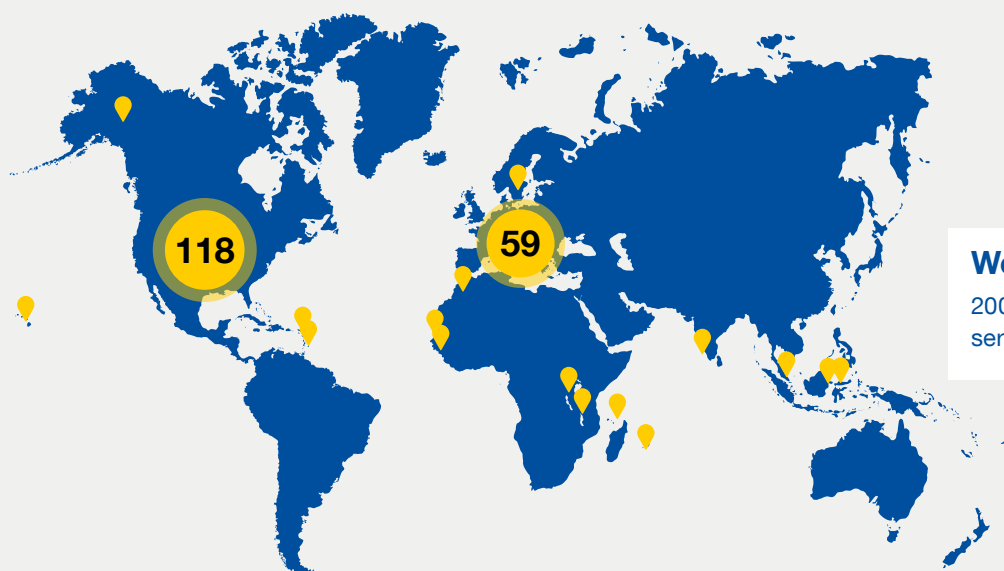
Optimize the injection of renewable energy into the electricity network.



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
- Optimisation
- 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

### HEAD OFFICE

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