

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). Our portfolio includes two versions of different capacity:

## SUNSYS HES L

50 kVA / 186 kWh to 550 kVA / 1116 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.

Both systems are using CATL battery cabinets: B-Cab

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



Compatible with many EMS



Local and remote management



Data collecting 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.
- 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.



SITE 1152

## Commercial and Industrial Buildings

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



SITE 020

## Isolated sites

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



SITE 1188

## Resilient microgrids

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



SITE 999

## Renewable energy integration

Optimize the injection of renewable energy into the electricity network.



SITE 1027

## EVCI

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



SITE 1189

## Grid support

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



CARTE 095

## Worldwide references

More than 360 systems operating and serviced around the globe

# Socomec: our innovations supporting your energy performance

**1** independent manufacturer **4,200** employees worldwide

**8** % 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 (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

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