### 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

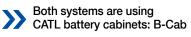
## 100 kVA/186 kWh to 900 kVA/1674 kWh per system

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

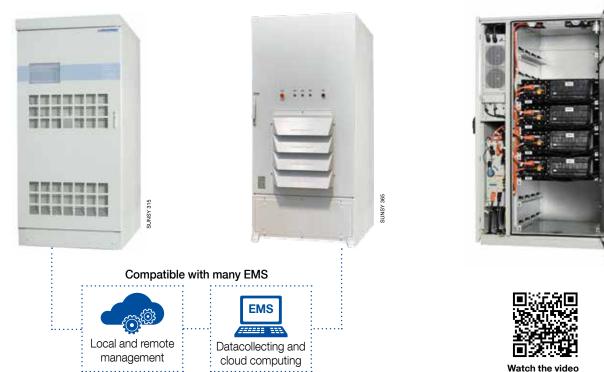
Each B-Cab is 372 kWh. Up to 14 can be put in parallel, hence 5 208 kWh. The C-Cab is a centralised converter able to operate from 500 kVA up to 1.5 MVA. Systems can be put in parallel to reach installations of several MVA.



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

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NSV



# 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.



**Commercial and Industrial Buildings** Turn on multiple energy storage services to reduce energy costs and improve power availability.



**Off-grid sites** Provide a reliable power supply with multiple sources for disconnected microgrids.



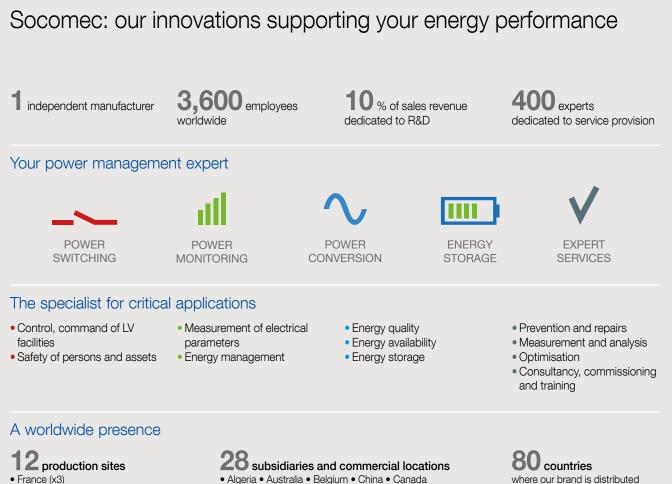
**Colocation with solar** Optimize the injection of renewable energy into the electricity network.



**Colocation with EVCI** Optimize the capacity of electric vehicle charging infrastructures.



Worldwide references 200 systems operating and serviced around the globe



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

- 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

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