

# Energy Storage Solutions by Socomec



When **energy** matters

 **socomec**  
Innovative Power Solutions

## Socomec solutions for electrical energy storage

## Power and energy availability at any location

- For C&I applications



- For hybrid microgrid applications



- For EV charging infrastructure



The relentless increase in the demand for energy is a major driver of change – and power grids are facing more challenges than ever before. With an emphasis on the reduction of greenhouse gas emissions, the large-scale integration of solar and other renewable energy sources into electrical grids and the rise in popularity of electric vehicles, the future of grids looks increasingly decentralised.

Electrical Energy Storage has a critical role to play in this new grid architecture – and we have developed a complete range of solutions to guarantee energy availability in the most challenging locations.

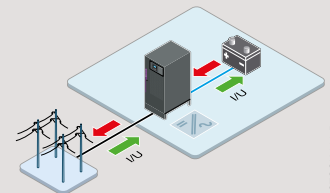
Whether you are looking for best-in-class components with which to engineer your energy storage solution, or a partner to provide an easy to use, modular and reliable energy storage package, our proven and intelligent systems can be deployed to address every unique challenge.

If you are looking for a complete solution for your next microgrid project – combined with the benefit of experience – then our turnkey solutions will provide the support you need.

### SOLUTIONS

Our solutions are deployed across four continents in some of the most challenging operating environments in the world.

We have experience in hybrid microgrids, smart grids, C&I installations and EV charging infrastructure.



# SUNSYS Xtend modular systems

Create your own storage solutions  
from 33 to 600 kVA, and 92 to 1096 kWh,  
based on standard equipment



INTERFACE WITH  
EXTERNAL EMS



MULTIPLE STANDARD  
CONFIGURATIONS



C&I AND MICROGRID  
APPLICATIONS



STANDARDS  
COMPLIANT FOR IEC  
AND UL MARKETS



FULLY TESTED  
AND DOCUMENTED  
SYSTEMS



SERVICES FOR  
INSTALLATION AND  
OPERATION



BUILDING AND  
CONTAINER  
INTEGRATION

EASY TO SELECT, ORDER,  
DELIVER AND INSTALL  
YOUR CONFIGURATION

# Best-in-class components

# Your turnkey solution

Get the best of critical technologies to design & manufacture your own equipment for storage solution

Our engineering know-how for your solution up to 1 MW / 1.5 MWh

## Power conversion



- Bidirectional AC/DC converters designed for on-grid and off-grid applications.
- High performance power conversion with a compact footprint.
- Easy to integrate and maintain in any operating environment.

## Power switching



- Switching and securing AC and DC electrical installations.
- Power supply continuity and electrical distribution.
- Protection of installation, equipment and people.

## Power monitoring



- Metering and monitoring AC & DC installations.
- Easy and flexible installation (plug & play).
- High performance in electrical energy measurements.

Socomec ESS has established a dedicated team to create custom solutions – whether based on a pre-defined design or engineered to be a completely bespoke response for your unique requirements.



- Dedicated containerised solutions.
- Supply to autonomous microgrids.
- Minimise diesel consumption.
- Manage interconnected microgrids.

## ASSOCIATED SERVICES



ON-SITE COMMISSIONING



TRAINING



WARRANTY EXTENSION



REMOTE CONTROL



# Socomec: our innovations supporting your energy performance

**1** independent manufacturer

**10 %** of sales revenue dedicated to R&D

**3,600** employees worldwide

**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 • Singapore
- Slovenia • South Africa
- Spain • Switzerland
- Thailand • Tunisia • Turkey
- UK • USA

**80**  
countries where our brand is distributed

### HEAD OFFICE

#### SOCOMEK GROUP

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10633100 €

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### YOUR DISTRIBUTOR / PARTNER

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ENERGY  
SPECIALIST  
SINCE 1922

**socomec**  
Innovative Power Solutions