

BROCHURE

SUNSYS HES Battery Energy Storage Solutions

Cutting edge technologies to meet your requirements

from 50 kVA to 6 MVA - 203 kWh to 24 MWh



When energy matters

 **socomec**
Innovative Power Solutions

Our Outdoor Energy Storage Systems

A Complete Modular Solution for Commercial, Industrial, Community, and Utility-Scale Applications.

SUNSYS HES L

50 kVA / 203 kWh to 550 kVA / 1,218 kWh per system

Each B-Cab L is 203 kWh. Up to 6 can be put in parallel, resulting 1,218 kWh.

Each C-Cab L 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.

Available in a SKID version, allowing for quick and easy shipping, installation, commissioning, and redeployment.



SUNSYS HES XXL

0.75 MVA / 1.6 MWh to 6 MVA / 24 MWh per system

Each B-Cab XXL is 407 kWh. Up to 15 can be put in parallel, resulting 6.1 MWh.

The C-Cab XXL is a centralized converter able to operate from 0.75 MVA to 1.5 MVA. Parallel up to 4 Systems to reach installations of max 6 MVA / 24 MWh



Both systems are using CATL battery cabinets: B-Cab These are high safety LFP technology battery cabinets and include active fire safety system.

Compatible with many EMS



Local and remote management



Data collecting and cloud computing



Watch the video



Complete Ecosystem

Beyond Energy Storage Systems, we offer a complementary range of products and services that cover every aspect of power distribution, protection, control, monitoring, and high efficiency transformers. Our holistic approach ensures a seamless energy ecosystem for our customers.

Static Transfer Switch



Ride Through System



Static Switch



Integrated Static Switch



Transformers Energy Efficient Low-Voltage



Power Switching and Safety

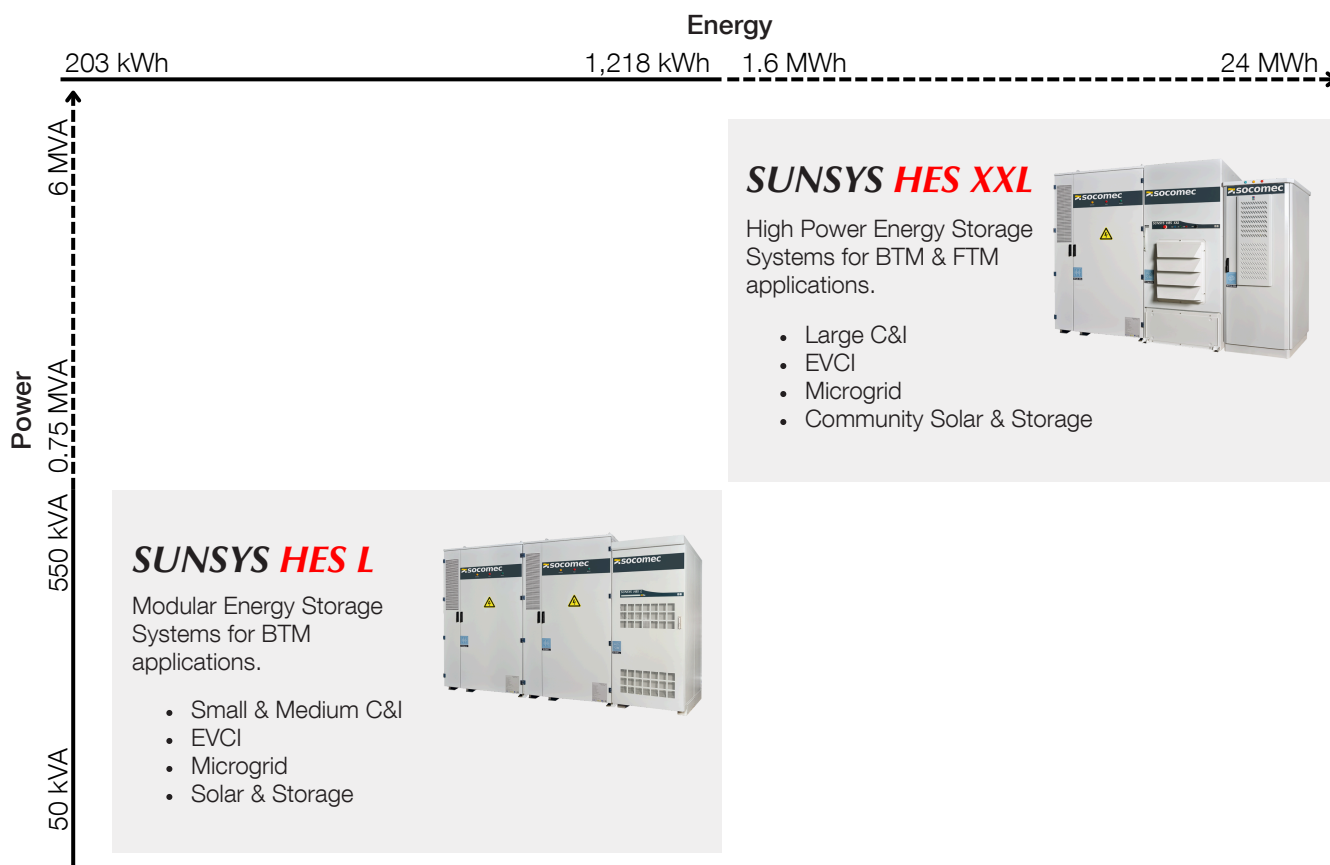


Monitoring Devices



A variety of configurations available to fit your needs

As your projects are unique, one-size-fits-all solutions don't exist. This is why Socomec developed a variety of configuration sizes. Our modular design allows you to choose between **more than 120 different configurations**, from 50 kVA to 6 MVA and from 203 kWh to 24 MWh.



Project Milestones

Our dedicated **Project Managers, Electrical System Engineers and Service Engineers** based in North America guide your project from purchasing order to commissioning and beyond. Expect streamlined communication and efficient execution.

Pre-Sales Support

- Analysis of customer requirements.
- Pre-technical design.
- Quotation of the technical solution.



Project Management

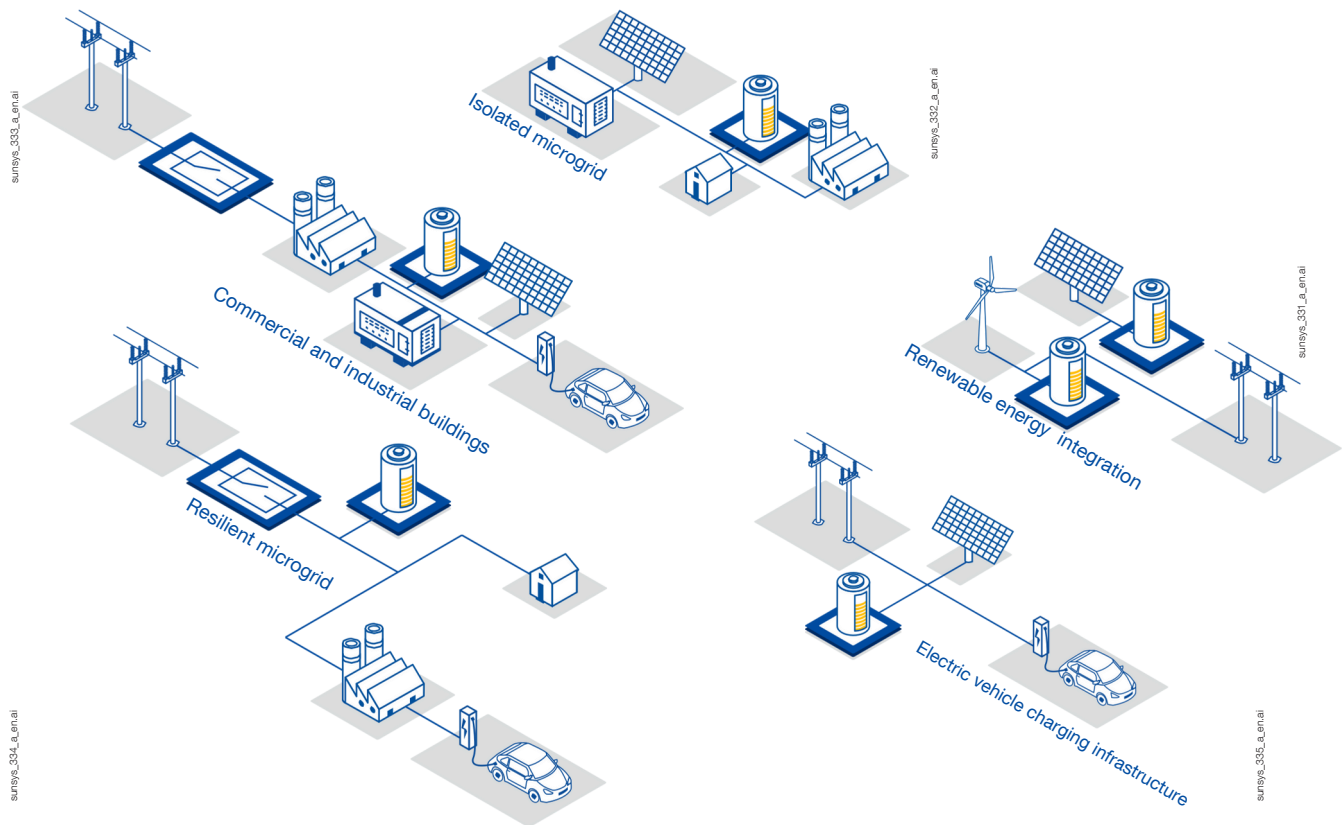
- Allocation of a project manager to lead the project.
- Support the complete solution design.
- Production and procurement.
- Documentation
- Weekly follow-up



After-Sales Services

- Site acceptance tests and commissioning.
- Customer training.
- Troubleshooting, data management and reporting.
- Preventive maintenance.
- Warranty management.
- Secure warranty thanks to data clouding.

Our key applications



Commercial and Industrial Buildings

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

EVCI

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

Isolated Sites

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

Resilient Microgrids

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

Renewable Energy Integration

Optimize the injection of renewable energy into the electricity network.

Grid Support

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

Enable the following power services with our **Power Management System** software



Peak shaving
Energy smoothing
Energy shifting



Emergency back-up
PV self-consumption
Capacity reserve



Demand charge reduction
Energy arbitrage
Time-of-Use



Frequency regulation
Voltage control
T&D support

Compatible with external EMS

Unlock more services with external EMS with SunSpec Standard

Get more than a System, Get Peace of Mind

As a **100+ year old family-owned company** with a global footprint, Socomec stands as a **bankable supplier** and a seasoned pioneer in providing top-tier electrical equipment. With over a century of **expertise** in electrical equipment design and manufacturing, and more than **50 years of experience in power conversion and battery integration**, our team demonstrates a deep understanding of the field.

Proven Installations

Numbers don't lie. With our **10+ years experience in supporting our customer's energy storage projects**, We've successfully deployed **150+ Energy Storage Systems in North America**, and our global footprint includes 420+ installed systems. Our satisfied clients speak volumes about our reliability, performance, and commitment to sustainable energy solutions.



36+ Countries



More than **420 systems** in the world



Cutting-Edge Manufacturing Facilities

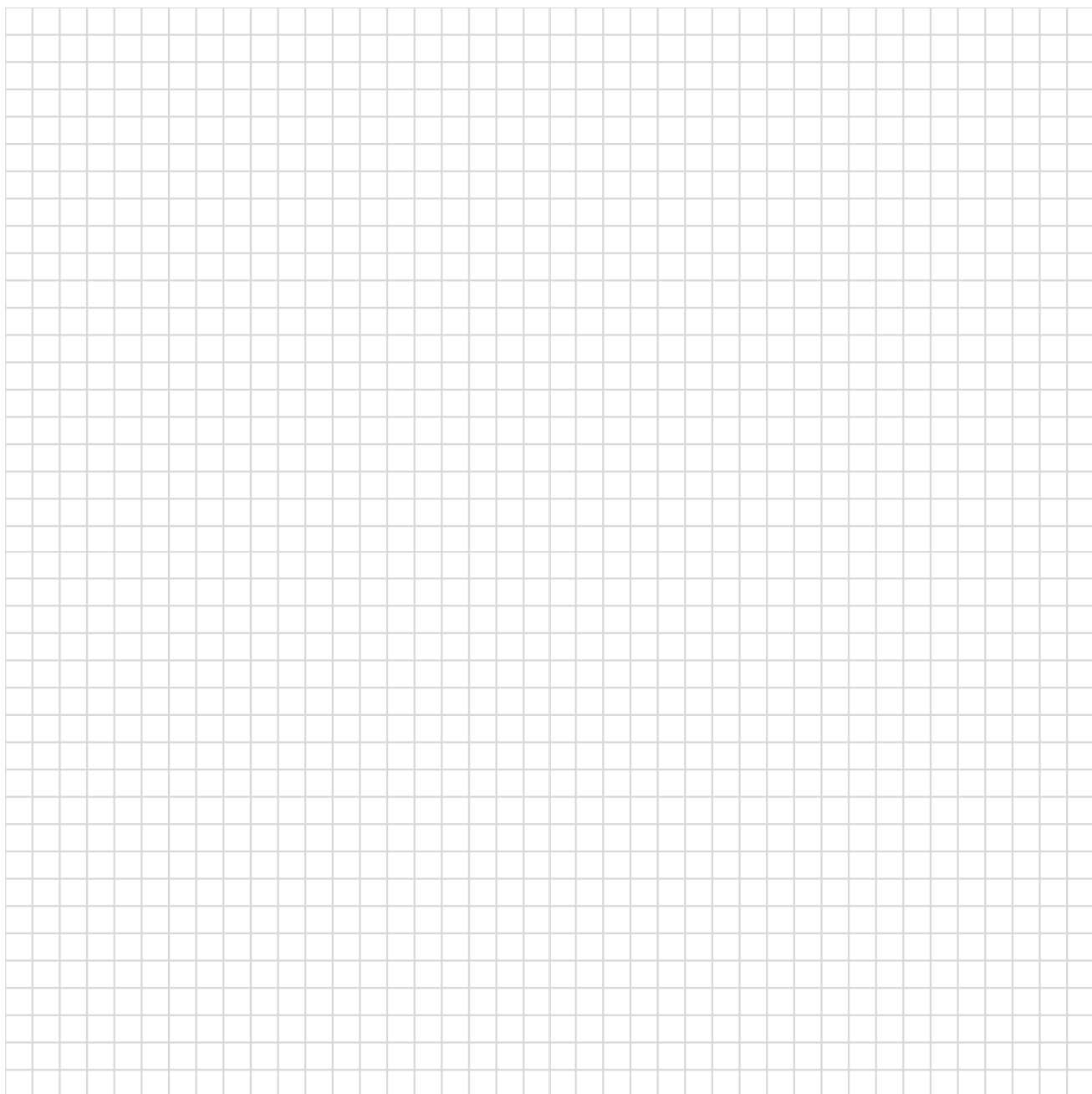
Our commitment to excellence is reflected in our 12 production sites worldwide, including several manufacturing facilities in North America. These facilities are the heartbeat of our operation, ensuring timely production and delivery of top-tier BESS.



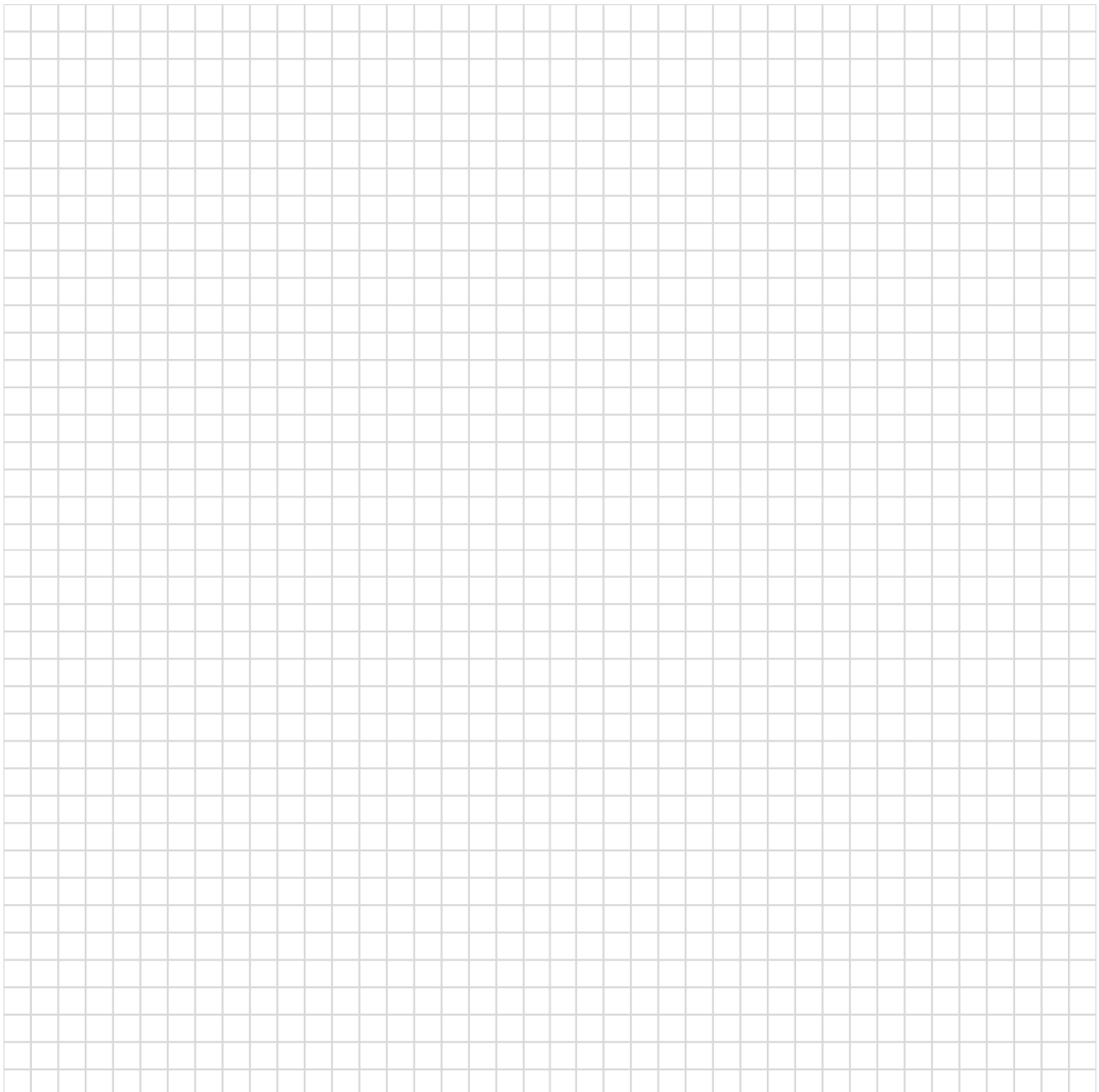
24/7 Support

Our strategically located warehouses and Services team span North America, ready to promptly address any operational issues. Your energy needs don't wait, and neither do we.

Notes



Notes



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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