

ENERGY CONTAINER SOLUTIONS

OUR PLATFORM APPROACH

Our energy management system AXOS and the digital optimisation platform ADONYS control, manage and optimise all system components of the Energy Container Solutions battery storage systems.



ADONYS Digital Optimisation Platform / DOP (coming soon)



The ADONYS DOP uses artificial intelligence (AI) to optimise the revenue generation of battery storage in operation. It also offers the possibility to integrate operational ECS into a jointly controlled Virtual Power Plant (VPP).

Energy Management System AXOS



AXOS is an integrated operating platform for energy systems that offers control options, plant management and system transparency. AXOS can be used to realise energy concepts and optimise the use of CBESS systems.

Energy Container Solutions

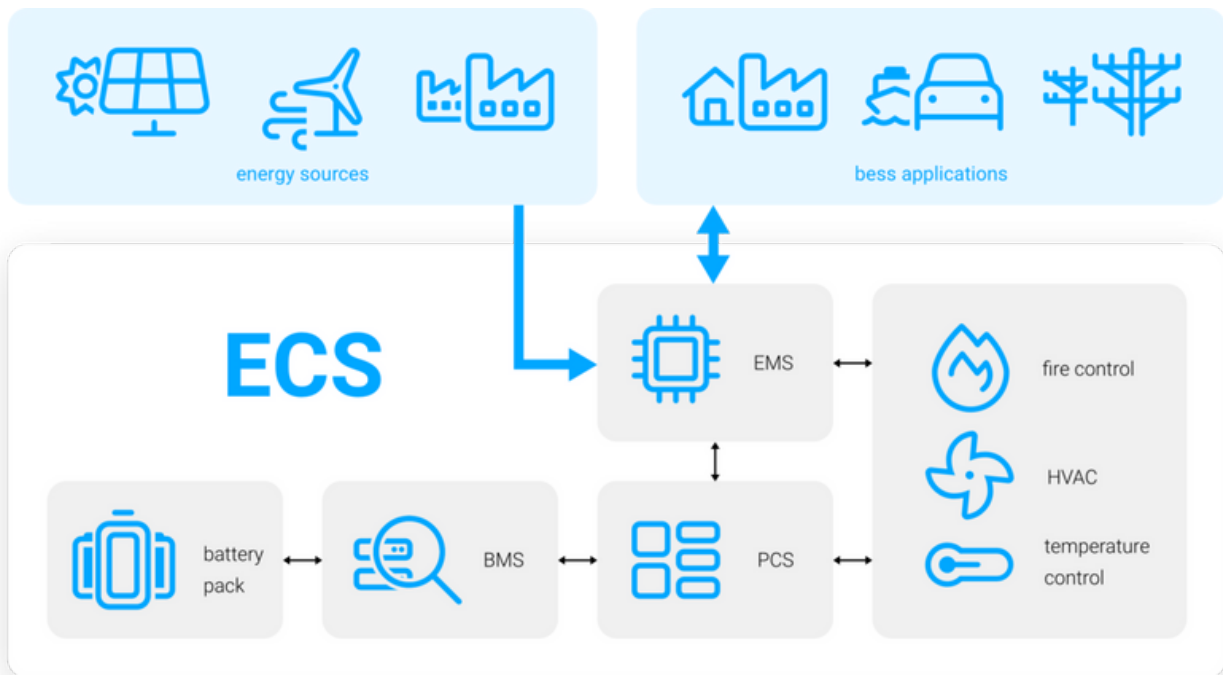


Our Containerised Battery Energy Storage System (CBESS) hardware platform consists of various battery and power modules. It is modular and standardised and enables flexible configuration with state-of-the-art components and technologies.





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ENERGY MANAGEMENT SYSTEM AXOS

AXSOLs Energy Management System AXOS is an integrated platform for ECS that provides comprehensive control, asset management and system visibility for sites and fleets. AXOS can cover all basic grid services, commercial and industrial applications, smart grid functions and multi-use functionalities.





Use cases


-  Peak Shaving & Shifting
-  Uninterruptible power supply
-  Self-consumption optimisation
-  FCR and aFFR (with partners)
-  Island operation
-  Marketing of excess capacities (direct marketer interface)
-  Producer hybridisation and control

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WHY AXSOL?


 One contact for all questions from advice to operation


 Fast installation & service through to operation in one package


 Turnkey plants incl. safety systems from a single source


WHY ECS?

 Customised solution for every customer

 Intelligent control system for storage and generators

 Connection of all renewable energy sources possible

 Remote monitoring, visualisation and operational optimisation

 Durable and safe LFP batteries

Advantages of our platform approach:

- Optimisation of savings and revenue opportunities
- Combination of different revenue streams
- Modular design for individual configuration and adaptation
- Flexible integration of energy sources and consumers
- Holistic control and management
- Supplier independence and future viability
- Analysis and dimensioning of your individual application



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