

GAZ ENERGY



Your European partner for ESS



WWW.GAZENERGY.CZ



European manufacturing with an industrial legacy

GAZ ENERGY is a leading European manufacturer of energy storage systems (ESS). We build on over a century of expertise in electrochemistry, transforming this legacy into advanced solutions for grid stability. Our systems are manufactured directly in the Czech Republic, ensuring full quality control and maximum flexibility during implementation.

We are more than just a supplier, we are your strategic partner. At the core of our storage solutions are safe LFP cells managed by proprietary software, developed with a strict focus on top-tier cybersecurity and European data integrity. As part of the Bohemie Group, we combine the stability of a global player with dedicated local production.



In-house Production in the EU

All hardware and assembly take place under our direct supervision in the Czech Republic.



Technological Sovereignty

Our proprietary control software (EMS), developed in collaboration with Second Foundation, guarantees maximum cybersecurity and data control within Europe.



A Reliable Partner

We draw on a hundred-year tradition and the strong backing of the Bohemie Group to ensure the long-term stability and success of your projects.

Why GAZ ENERGY?



Selecting an energy storage partner is a long-term decision. At GAZ ENERGY, we offer more than just a product - we provide confidence, stability, and proven expertise. Here is why you can trust us:

GWh-Scale European Production



Unlike many competitors relying solely on overseas supply chains, we manufacture locally, ensuring security, stability and fast delivery, including spare parts.

Comprehensive Service and Support



From design and commissioning to maintenance and lifetime service, we provide complete care for every system. Our European-based teams guarantee fast response and reliable support throughout the system lifecycle.

Second Foundation as Trusted Partner



We have joined forces with Second Foundation. From flagship installations and advanced control and monitoring software & capabilities to seamless energy trading integration.

Over 100 Years of Experience



We are here to stay - a guarantee from a European company with over a century of tradition and proven & bankable technology increases market confidence, facilitates financing, and supports project valuation

Cutting-Edge Technology Optimized for Long-Term Value



We deliver cutting-edge technologies that maximize your return on investment (ROI) and ensure long-term value.

Compliance with EU Security Rules



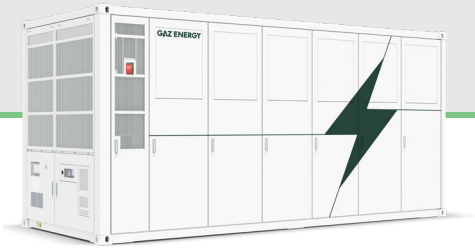
Maximum level of safety thanks to proprietary control software and communication hardware, prepared for future requirements of European legislation.

What we offer?



Integrated technology portfolio

We provide certified industrial hardware combined with proprietary EU software. Our systems are engineered for stability, safety, and seamless grid integration.



GAZ ENERGY Battery Container (ESS)

Manufacturing & Quality: Production and testing are conducted at our plant in Bohumín, Czechia

EU Certification: Every unit is fully certified according to EU legislation.

Safety & Performance: High-density Li-ion (LFP) systems equipped with active liquid cooling and integrated fire suppression systems.



Grid-Forming



Black Start



5 MWh



0,5C



GAZ ENERGY PCS String (Inverter)

Efficiency: Efficiency up to 99% contributing to energy savings.

Reliability: Modular design providing technical flexibility and simplified maintenance.

Resilience: If one PCS unit fails, the remaining units continue operation to maintain capacity.



PCS String Frame:
6×PCS units in a specialized frame for mid-size applications



PCS String Station (SKID):
36×PCS units and 4 distribution cabinets for utility-scale projects

Proprietary EU Software

Data Control: Software developed in Europe, ensuring full sovereignty over data and system logic.

Cybersecurity: High-level protection of critical infrastructure. All data is managed within EU jurisdiction.

Grid Connection (Transformers)

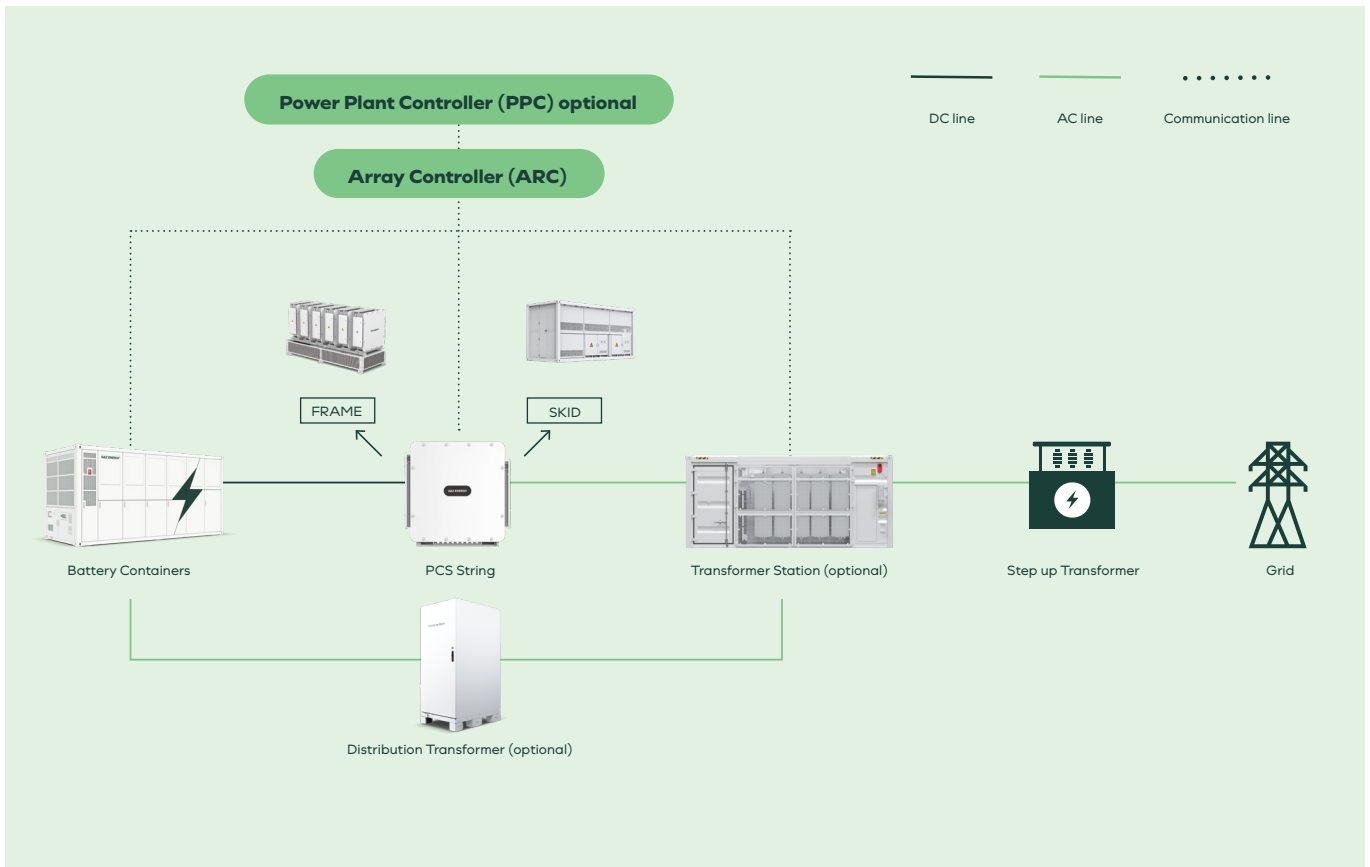
Complete AC Block: We integrate certified medium-voltage transformers from audited partners to ensure your system is ready for grid connection.

How we deliver?



Flexible scope of cooperation

We are more than just a supplier. We are your dedicated European partner. Our delivery models are flexible and tailored to your project's unique requirements - from the supply of core technology to full turnkey implementation.



Technology Supply

This model is designed for partners and EPC contractors looking for certified technology to integrate into their own projects.

Component Supply: Delivery of GAZ ENERGY battery containers, power conversion systems (PCS), and transformers.

Control Layer: Integration of our proprietary EU software (BMS/EMS) for total system control and data sovereignty.

Technical Support: Assistance with engineering design and expert supervision during system commissioning.

Full EPC Delivery (One-Stop-Shop)

We are not just a vendor. We are a partner for your projects. In this model, we take full responsibility for the entire project lifecycle – from the initial design to the final grid connection.

Engineering: Technical design, system sizing, and distribution grid connection studies.

Procurement: Comprehensive supply chain management and local manufacturing of BESS container units.

Construction: On-site installation, cabling, and comprehensive system commissioning and testing.

GAZ ENERGY

Maintenance and service



GAZ ENERGY's after-sales support provides the assurance of reliable operation. As a European manufacturer, we ensure that your system operates safely thanks to expert supervision and proactive diagnostics. Our approach minimizes the risk of outages and protects the technology's lifespan throughout its entire cycle. Thanks to our proprietary software, we guarantee stability and performance that meet the demanding requirements of the modern energy sector.

Our service model combines local service facilities in the Czech Republic with direct support for export partners within the EU. The key to speed is a spare parts warehouse ensuring the immediate availability of critical components. We eliminate logistical delays and guarantee seamless service regardless of location. Regular audits and warranty coordination make us a stable partner for the safe and predictable operation of your investment.

Service Center

(Expert supervision)

We provide technical maintenance and expert supervision for ESS.

- Remote monitoring and diagnostics
- Rapid on-site service interventions
- Regular audits and operator training
- Training for service partners
- Complete management of warranty repairs



Spare Parts Warehouse

(Minimizing downtime)

Immediate availability of critical components is the key to maintaining continuous operation.

- Central warehouse in the Czech Republic
- Critical parts kept directly at the customer's site
- Fast regional logistics
- Guaranteed parts for the entire lifespan

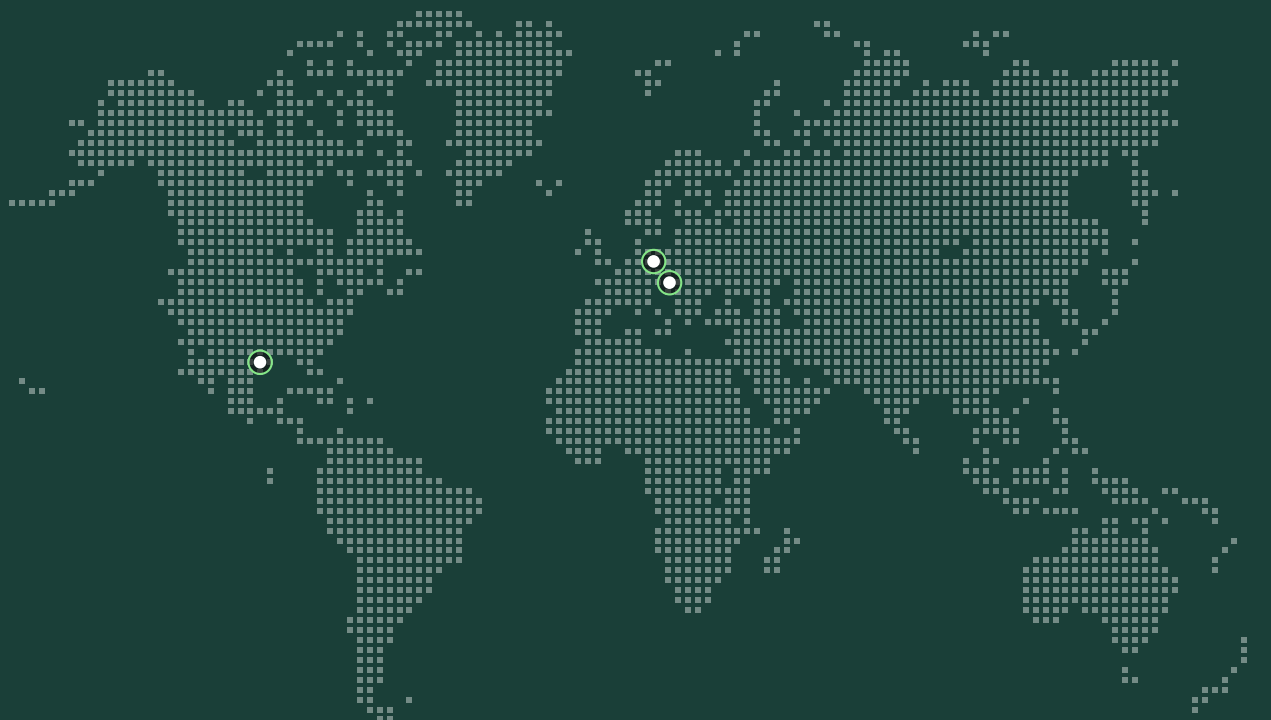


Bochemie Group: A century of European heritage



The Bochemie Group is an electrochemical company specializing in advanced specialty chemicals and innovative technologies. Its products embody decades of expertise in developing unique solutions that play an essential role across diverse industries and processes. Applications range from energy storage and wood protection to surface treatment of steel and special alloys, as well as smart textiles. An integral part of the Group is its subsidiary GAZ ENERGY, dedicated to energy storage and complex energy

solutions. This business unit also includes the German company GAZ Geräte-und Akkumulatorenwerk Zwickau, which develops, manufactures, and supplies nickel-cadmium battery systems used across a wide range of sectors, including oil and gas, energy, transportation, and telecommunications. With operations in over 120 markets worldwide, Bochemie Group follows a responsible approach to sustainable growth.



2200+
customers



9 %
investment into technology



120+
countries to export



2
manufacturing sites



500+
employees



30 %
reduction of CO₂ emissions

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