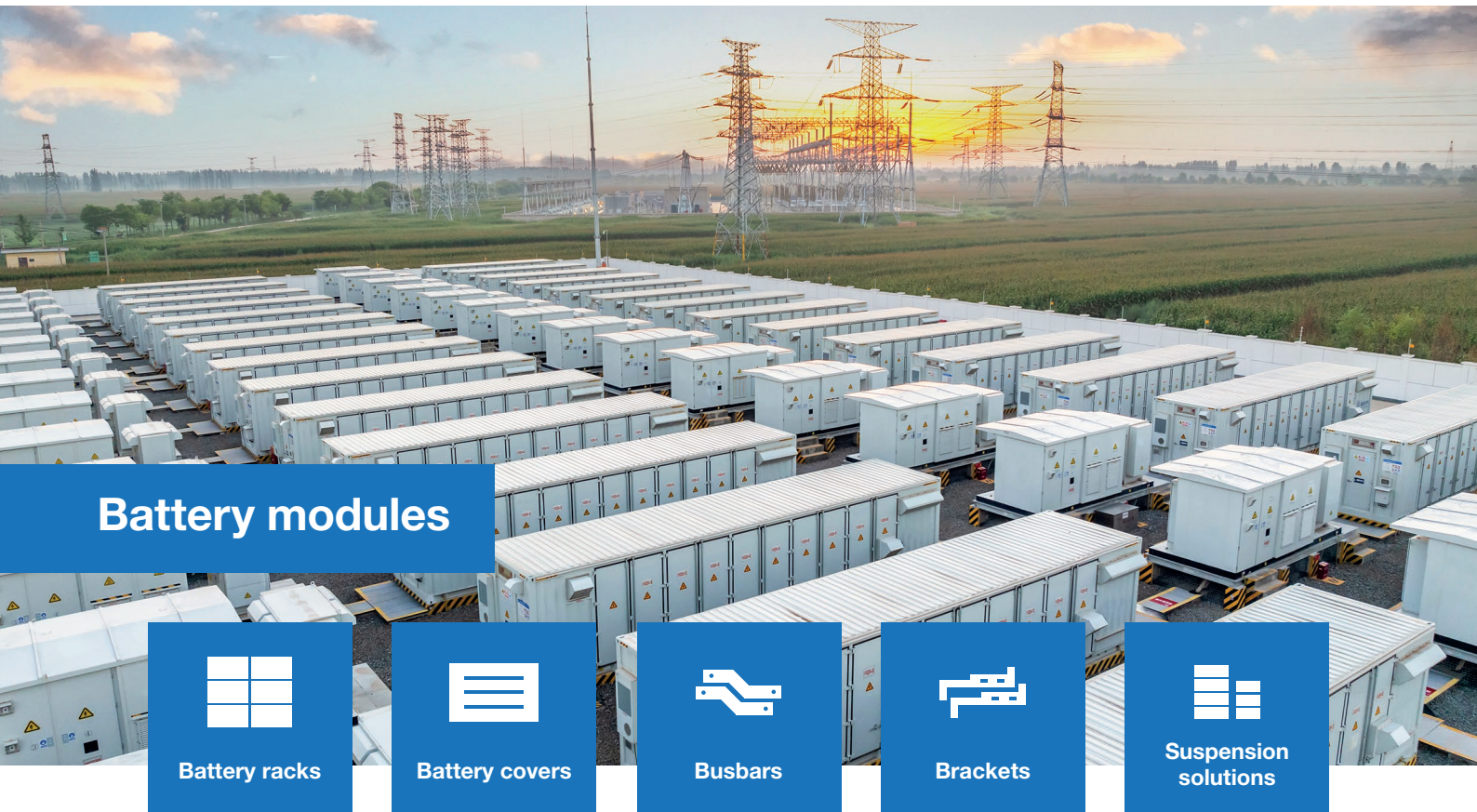


meconet

Innovations are built together



Battery modules



Battery racks



Battery covers



Busbars



Brackets



Suspension
solutions

How much can you save by optimizing a simple bracket?

In a recent energy storage project, we redesigned a battery module bracket, reducing material thickness from 3 mm to 2 mm. This 33% material saving resulted in an annual reduction of 4,700 kg of steel – equivalent to 14,100 kg of CO₂ emissions. By incorporating embossed reinforcements, we maintained the required stiffness while improving cost efficiency.

Stamping and deep drawn solutions for battery modules

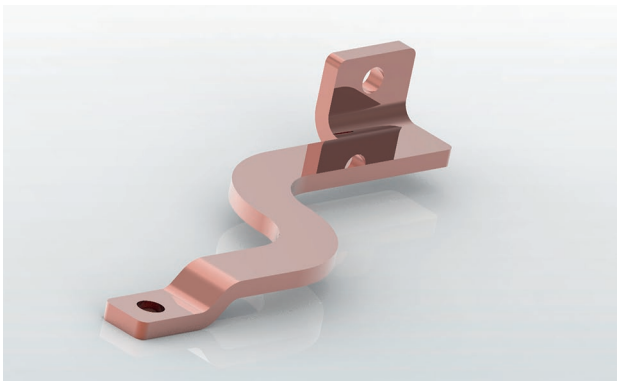
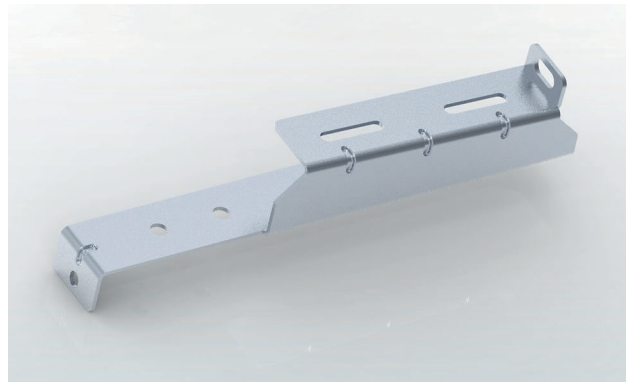
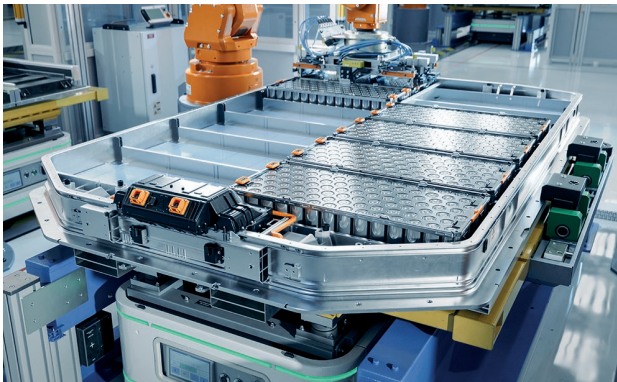
At Meconet, we provide high-quality sheet metal components for battery modules, supporting efficient power distribution, thermal management, and structural protection. With expertise in stamping, deep drawing, and assemblies, we help customers develop cost-effective, reliable, and scalable battery module solutions.

Optimized components for battery modules

Battery modules require precision-engineered components that optimize efficiency, safety, and durability. Our expertise in stamping and deep drawing allows us to produce:

- **Busbars and connectors** – Copper and aluminum components for efficient power distribution and conductivity.
- **Battery covers and enclosures** – Deep drawn and stamped solutions providing protection.
- **Cooling components** – Custom-engineered parts for optimal thermal management.
- **Structural supports and brackets** – Lightweight yet robust elements ensuring battery module integrity.

By combining progressive stamping and deep drawing, we enable cost-efficient production while maintaining high-quality standards.



Benefits of Meconet's stamped and deep drawn sheet metal solutions

At Meconet, we help customers optimize their products by combining deep expertise with efficient and sustainable production methods. With our progressive stamping and deep drawing technologies, we achieve consistent quality and tight tolerances, making every component reliable and repeatable. The scalability

of our production allows for cost-efficient large-scale manufacturing, reducing per-unit costs while maintaining high standards. Additionally, our stamped and deep drawn components are engineered for durability and efficient material use, delivering optimal structural performance without sacrificing strength.

Engineering and design support

Early collaboration ensures cost-efficient, manufacturable solutions. Using advanced simulation and analysis, we optimize designs for durability, performance, and minimal waste. Our services include:

- **Simulation & manufacturability analysis** – Using 3D models to validate feasibility.
- **Tool design & manufacturing** – Custom-built progressive die and deep drawing tools.
- **Prototyping & testing** – Fast validation cycles to ensure optimal performance.
- **Integrated assembly capabilities** – Providing sub-assemblies to streamline supply chains.



Established
1896



Turnover
61M€



Experts & personnel
380



Quality certified
IATF 16949

Technologies

Stamping
Deep drawing
Springs and wire-forms
Assemblies

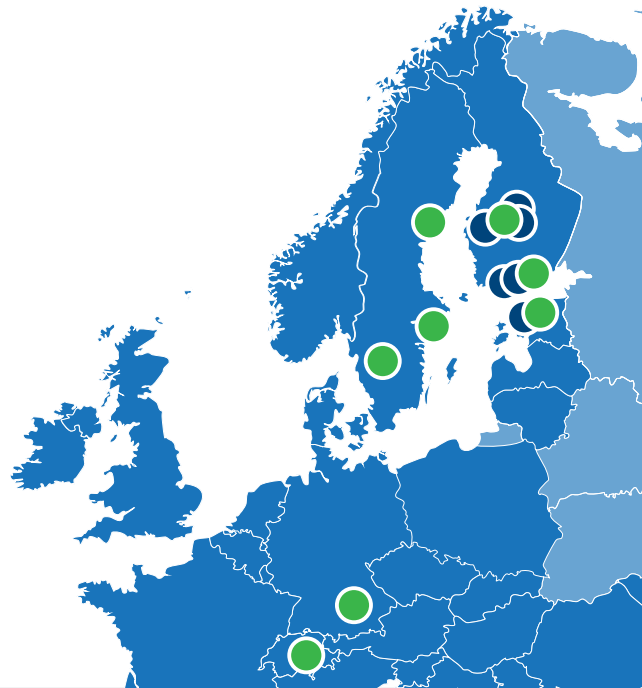
Beyond battery modules: additional solutions

In addition to module components, Meconet also offers:

- **Deep drawn battery racks** – Structurally optimized, lightweight alternatives to traditional racks.
- **Suspension solutions** – Components designed to enhance system stability and vibration resistance.

Meconet locations

- 6 factories
- 8 sales offices



Home of manufacturing

We are here to make the manufacturing of metal components smarter, more efficient, and truly sustainable – so you can focus on what matters the most: achieving your targets. With in-house proto and tooling capabilities, we provide tailored

solutions, from stamping and deep drawing to spring manufacturing and assemblies. We ensure that your components meet the demanding quality standards and are packed and delivered as agreed. With family business values and care.

Let's build the future of energy storage together

Are you looking for advanced battery module components? Contact us to discover how Meconet can enhance your energy storage solutions with precision stamping, deep drawing, and assembly expertise.

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