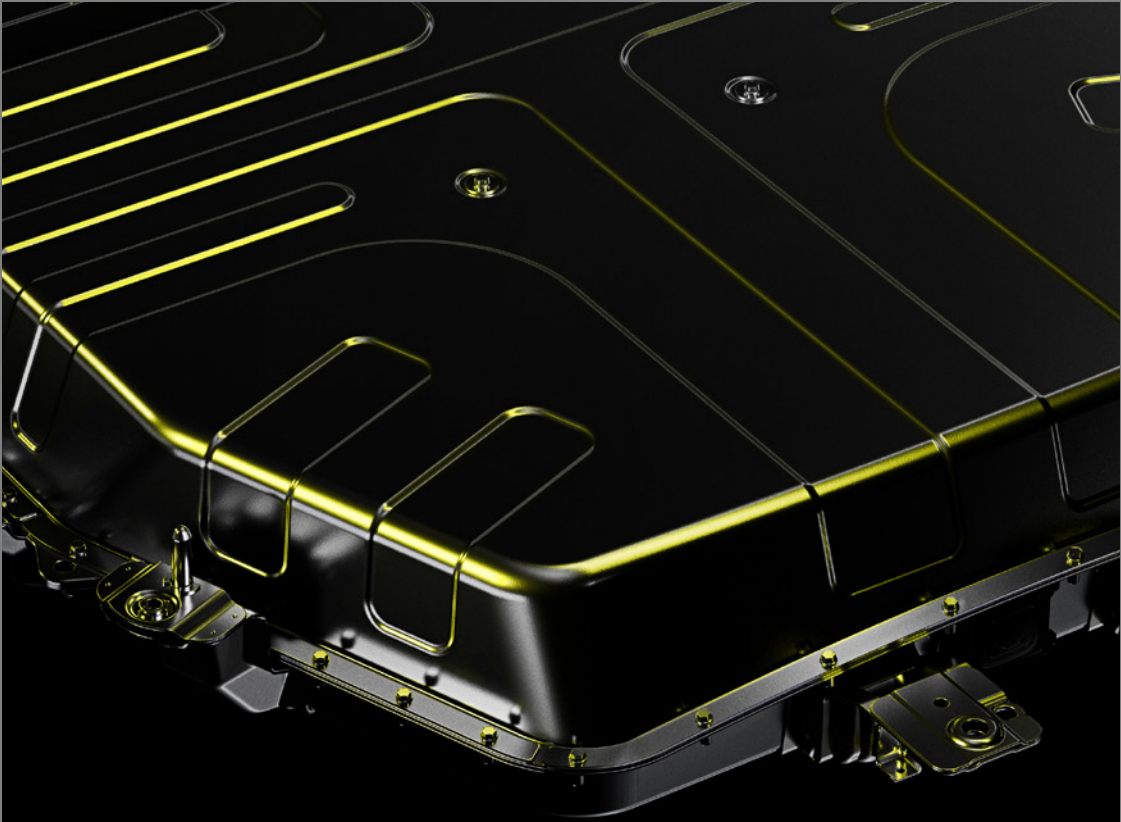


BATTERY PLATFORM
DEVELOPMENT
SOLUTIONS

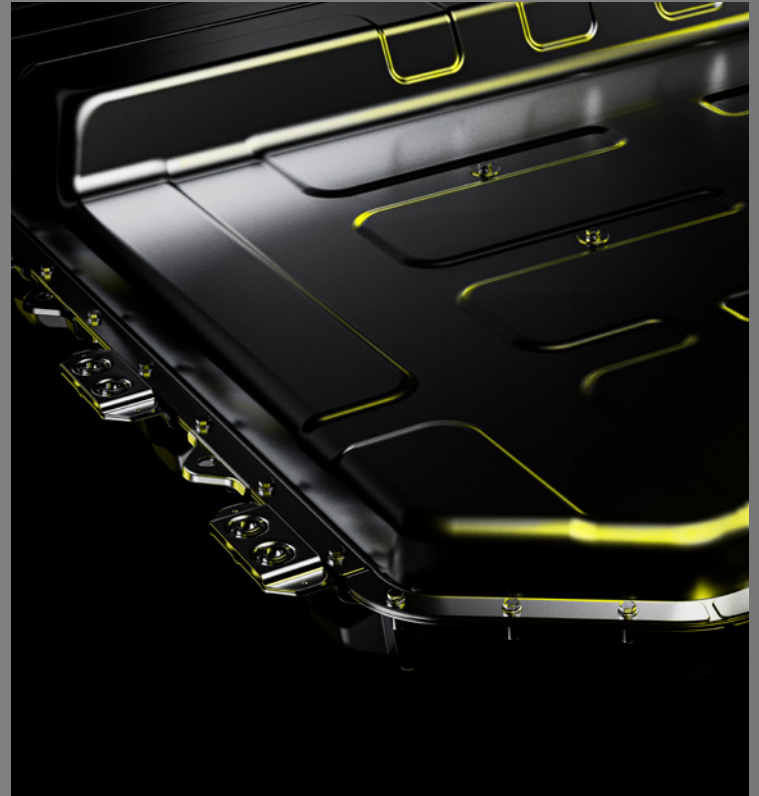
ENNOVI™

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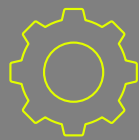
ENNOVI

Battery systems form the heart of all electric vehicles, are key to achieving driving range goals and are the highest cost element in every electric vehicle (EV). ENNOVI's holistic approach to battery platform development enables EV makers to quickly and cost effectively bring new robust battery designs to market.



CHALLENGES

Demand for solutions that fit tight size and weight constraints, and support high-current, high-power requirements in harsh, high-vibration environment.



SOLUTIONS

- + Our solutions preserve weight and space, while supporting a range of battery form factors – cylindrical or prismatic.
- + Our U-Turn technology enables excellent current density spread across the current collector.
- + Our vertically integrated capabilities and global footprint ensure meeting of production schedules.



BENEFITS

- + Larger amounts of energy can be stored within a more compact space.
- + Delivers consistent performance, temperature uniformity and low loss energy transfer.
- + High production volumes that meet stringent quality standards for longer product lifecycles and reduced Total Cost of Ownership.



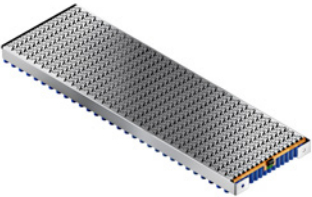
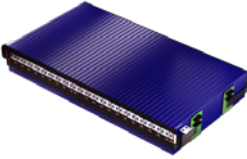

OUR PRODUCTS


- + Cell Contacting System For Cylindrical, ENNOVI-CellConnect-Round
- + Cell Contacting System For Prismatic, ENNOVI-CellConnect-Prism
- + Cell Contacting System For Pouch, ENNOVI-CellConnect-Pouch
- + Enclosures & Cell Components

Applications & Capabilities

ENNOVI-CellConnect family, battery enclosures and cell components are fully customizable for EV battery applications. The table below provides an overview of our offerings.

The table below provides a quick reference regarding applications and capabilities for the various ENNOVI offerings.

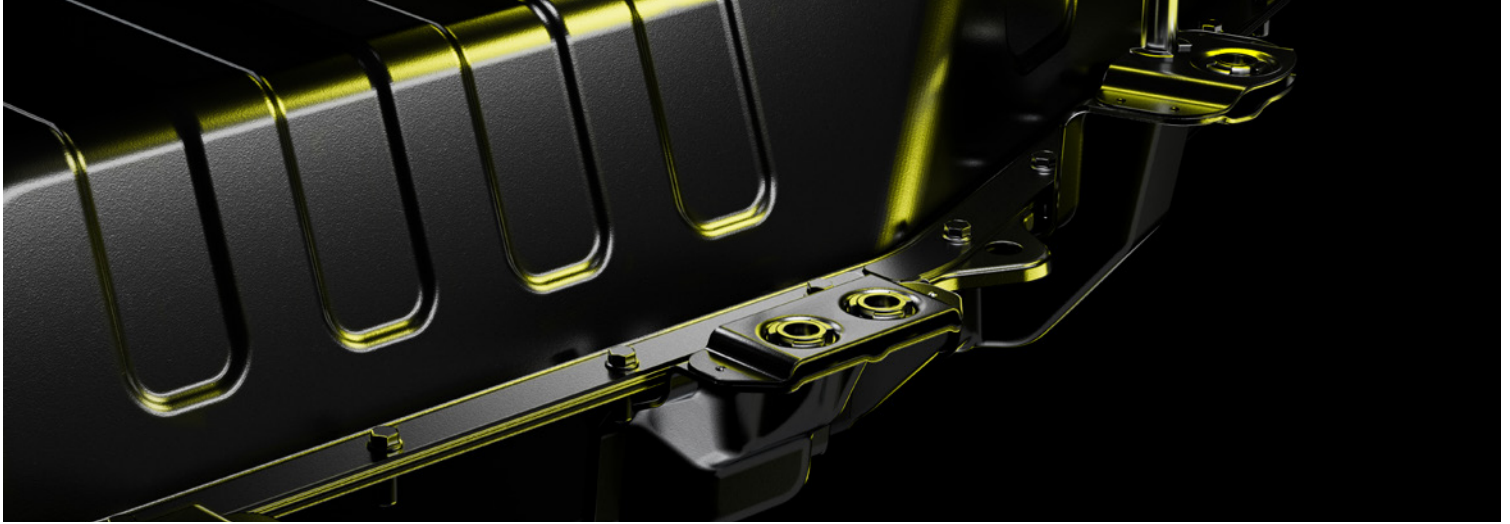
PRODUCTS	CELL CONTACTING SYSTEM FOR CYLINDRICAL, ENNOVI-CELLCONNECT-ROUND →	CELL CONTACTING SYSTEM FOR PRISMATIC, ENNOVI-CELLCONNECT-PRISM →	CELL CONTACTING SYSTEM FOR POUCH, ENNOVI-CELLCONNECT-POUCH →
IMAGES			
APPLICATIONS	Battery Pack	Battery Pack	Battery Pack
FOCUSED MARKETS	Automotive + Electric Vehicle, Hybrid Vehicle Industrial + Robotics, Humanoid	Automotive + Electric Vehicle, Hybrid Vehicle Industrial + Robotics, Humanoid	Automotive + Electric Vehicle, Hybrid Vehicle Industrial + Robotics, Humanoid
EMERGING MARKETS	Aerospace + eVTOL, Hybrid Aircraft	Aerospace + eVTOL, Hybrid Aircraft	Aerospace + eVTOL, Hybrid Aircraft
CAPABILITIES	High-precision Stamping Molding Die-Cutting Hot and Cold Lamination (Dielectric Layer) Heat Staking Laser Welding Ultrasonic Welding FPC and FDC Integration Automation and Assembly	High-precision Stamping Molding Die-Cutting Hot and Cold Lamination (Dielectric Layer) Heat Staking Laser Welding Ultrasonic Welding FPC and FDC Integration Automation and Assembly	High-precision Stamping Molding Die-Cutting Hot and Cold Lamination (Dielectric Layer) Heat Staking Laser Welding Ultrasonic Welding FPC and FDC Integration Automation and Assembly

PRODUCTS	ENCLOSURE & CELL COMPONENT
IMAGES	
APPLICATIONS	Battery Cell
FOCUSED MARKETS	Automotive + Electric Vehicle, Hybrid Vehicle Industrial + Robotics, Humanoid
EMERGING MARKETS	Aerospace + eVTOL, Hybrid Aircraft
CAPABILITIES	High-precision Stamping Molding Hot and Cold Lamination Deep Drawing

Our Technologies

Our end-to-end technical skills, design experience and manufacturing expertise enable us to innovate game-changing technologies.

Optimize any battery, anywhere, with our high-precision stamping, molding, plating, ultra-sonic welding, and automation.



TECHNOLOGIES

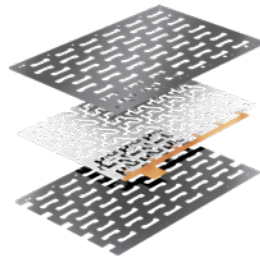
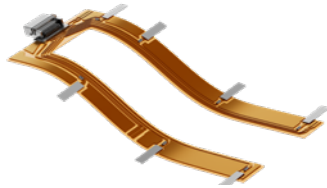
FDC TECHNOLOGY



LAMINATION TECHNOLOGY



IMAGES



APPLICATIONS

Electrical connections within:

- + Cell Contacting System For Cylindrical
- + Cell Contacting System For Prismatic
- + Cell Contacting System For Pouch

Current connections within:

- + Cell Contacting System For Cylindrical
- + Cell Contacting System For Prismatic
- + Cell Contacting System For Pouch

Need a custom solution?

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