



EV BATTERY MANUFACTURING

FASTENERS | COMPONENTS | MANAGED INVENTORY SERVICES

MAXIMISING MANUFACTURING EFFICIENCIES











LEADING THE CHARGE

Optimas is the leading manufacturer and distributor of fasteners and components to the EV and wider automotive industry, including parts required for Electric Vehicle Battery (EVB) assembly.

As a full-service provider and partner in manufacturing, Optimas can provide you with a cutting-edge inventory management system that will increase efficiency, drastically reduce the time spent reordering, and ensure that stock is delivered on time, every time... leaving you to concentrate on what you do best!

WE UNDERSTAND YOUR CHALLENGES

The world of EVB assembly can be a minefield of technical performance challenges, including the very smallest of parts.

Performance is key, even down to the nuts and bolts that fasten your EVB. Light-weighting, insulation/electrical connectivity, conductivity, corrosion resistance and material choice are considerations that carry more importance than ever before, directly affecting performance, range, and overall cost.

Through our range of advanced fastening solutions for EVB assemblies, from design support to tech-enabled inventory management solutions, Optimas can provide you with the products and services to match your needs.

UPPER HOUSING

- Thread-Forming Screws
- Clinching Fasteners
- Flow Drilling Screws
- Sealing Screws with Gaskets
- Captive Screws
- Clips
- Bushings
- Nuts

CELL MODULE

- Adhesive Fasteners
- Insulating Caps
- Torque-Limiting Screws
- Spacers

HIGH-VOLTAGE CONNECTOR

- Torque-Limiting Screws
- Quick Release Latches
- Sealed Bolts with Rubber Gaskets
- Retaining Clips
- Caps
- Connectors
- Grommets
- Edge Protectors
- Cable Sleeves
- Cable Ties

CONNECTOR STRIP

- Busbar Bolts
- Busbar Nuts

BATTERY HOUSING

- Bolts
- Sealing Screws with Gaskets
- Clinch Nuts
- Blind Rivets
- Self-Tapping Screws
- Flow Drilling Screws
- Nuts

UNDER-BODY PROTECTION

- Blind Rivets
- Hex Head Bolts
- Retaining ClipsSpring Washers
- Rivet Nuts
- Flow Drilling Screws
- Machine Screws
- Rubber SealsBushings
- Clips
- Nuts

BASE PLATE WITH COOLING SYSTEM

- Thermal Paste Screws
- Bolts with Elastomeric Seals
- Spring-Loaded Fasteners
- Mounting Brackets and Clips
- Gaskets
- Plastic/Alloy Fitting
- Screws
- Nuts



OPTIMAS SERVICES

That Streamline Operations & Maximise Efficiency

MANUFACTURING SOLUTIONS

Leverage in-house manufacturing, cold form production, and 3D printing, Optimas provides the unique advantage of dual sourcing through a single trusted partner.

Read More...

ENGINEERING & QUALITY

We can help you identify opportunities and implement best practices that simplify your manufacturing, elevate production and decrease costs.

A zero-defect culture, in-house testing labs and PPAP Centres of Excellence ensure reliable parts you can trust.

Read More...

INVENTORY MANAGEMENT

Optimise inventory with our innovative OptiTech solutions. Increase fastener availability and automate replenishment with JIT cloud-based technology.

Read More...

SUPPLY CHAIN SOLUTIONS

Our comprehensive supply chain solutions streamline fastener distribution while continuously improving productivity, shortening lead times, and saving money.

Read More...

Contact Us



Speak to our Experts Today



Email us at

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ABOUT OPTIMAS

Optimas is the leading global industrial distributor and service provider specializing in fastening and supply chain solutions for manufacturers seeking to improve efficiency and profitability. We take care of the details so you can focus on manufacturing cutting-edge products—giving you an unparalleled competitive edge.

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