


High-Voltage Extruded Busbar

ENNOVI's HV Extruded Busbars are fully customizable and addresses production speed, cost, and quality challenges in the changing environment of electric vehicles.



FLEXIBILITY




Flexible design that can adapt to complex spaces, allowing integration into smaller spaces while supporting higher power density. Option to integrate with flexible busbars and high-voltage connectors.

HIGH PERFORMANCE



Our design provides a large contact surface area, which helps to enhance electrical conductivity and offers a high current carrying capacity, while ensuring reliable electrical performance.

FULLY CUSTOMIZABLE



Everything is fully customizable – from the shape to the length. The design can be adapted for various complex installation environments and electrical designs.

APPLICATIONS

Battery module connections, power distribution units, and battery junction boxes in:

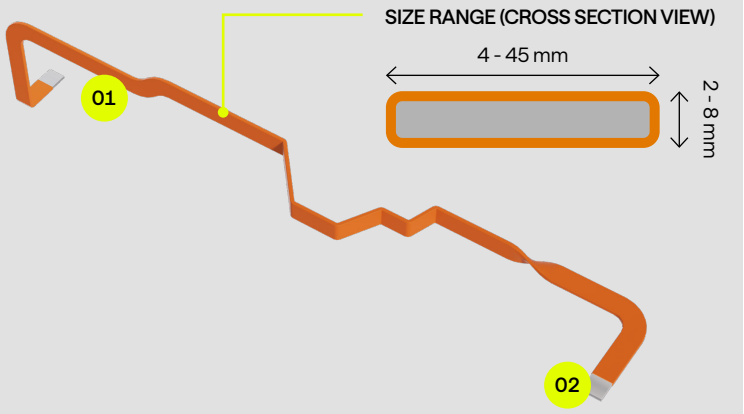
- + Electric vehicles
- + Hybrid vehicles
- + Commercial Transportation
- + Energy storage system

01. HIGH PERFORMANCE INSULATION

- + Enhanced safety against short circuit with PA12 insulation.
- + High voltage insulation – designed to withstand up to 30kV.
- + Excellent bendability.
- + Material: Nylon PA12.
- + Color: Orange; RAL 2003 – RAL 2008.

02. POWER INTERFACE

- + High voltage and high current capabilities.
- + Fully customizable – shape, size and length.
- + Compact design for space efficiency.
- + Strong mechanical strength.
- + Easy installation, thus reducing assembly time and cost.
- + Sustainable and cost-efficient as there is no metal scrap.



	EXTRUDED BUSBAR	OVERMOLDED BUSBAR	POWDER COATED BUSBAR	PVC DIPPING BUSBAR	HEAT SHRINK TUBING BUSBAR	LAMINATED BUSBAR
CAPABILITY RATING:						
✓✓✓ EXCELLENT	✓✓✓	✓✓	✓✓	✓✓	✓✓	✓✓
✓✓ GOOD	✓✓✓	✓✓✓	✓✓✓	✓✓	✓✓	✓✓✓
✓ POOR	✓✓	✓✓✓	✓✓✓	✓✓✓	✓✓	✓✓
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