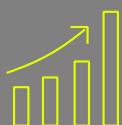


# Motor Stator Busbar

Flexible, multi-phase, motor stator busbars provide highly efficient power connectivity between motors and inverter control units, while improving current flow, minimizing resistance, and accommodating thermal cycling.

## EXCELLENT ELECTRICAL PERFORMANCE



Robust connection between the stator windings of an electric motor and its power source.

## THIN AND LIGHTWEIGHT



Compact one-piece construction eliminates bulky wiring and provides durable, long-life connections.

## FULLY CUSTOMIZABLE DESIGN OPTIONS



Our motor stator technology can be adapted to fit any size and type of motor, with 100% custom control over all form and function.

## APPLICATIONS

High-voltage traction drive motors, integrated drive modules, low-voltage motion control and servo-steering motors:

- + Electric vehicles
- + Commercial transportation

### 01. FLEXIBLE PHASE CONNECTIONS

- + Reduces the size and weight of a motor by eliminating complex cable connection.
- + Improves electrical conductivity and electrical performance with efficient designs and eliminating wiring errors.
- + Simplifies the supply chain with a one-piece solution.
- + Typical size range: 30mm to 280mm diameter.
- + Integrated phase connectors and interface options.

### 02. WIRE FORM OPTIONS FOR HAIRPIN MOTORS

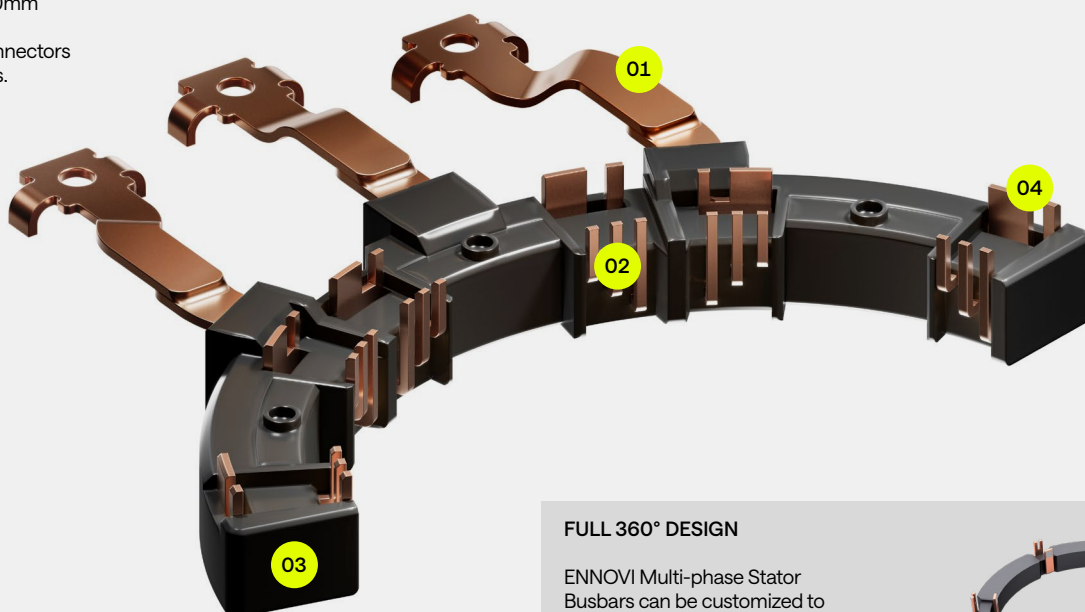
- + Compatible laser weld hairpin stator designs.
- + Multi-layered busbar and coated wire construction options: wire-formed and stamped.
- + Integrated high dielectric insulator options.

### 03. HIGH PERFORMANCE PLASTIC

- + Molded, over molded and assembled construction.
- + Various plastic material options available.
- + Materials and designs compatible with oil cooling requirements.
- + High temperature construction.

### 04. BRAZE PAD OPTIONS

- + Customized configurations to meet your requirements: laser welded and brazing.



### FULL 360° DESIGN

ENNOVI Multi-phase Stator Busbars can be customized to seamlessly fit your EV application.

