

# Cell Contacting System for Prismatic

Our ENNOVI-CellConnect-Prism supports robust connections of individual prismatic cells with flexibility to create battery modules or new advanced cell-to-pack and cell-to-chassis configurations.

## PRODUCT ENNOVI- CellConnect- Prism

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# ENNOVI™

### TIME SAVINGS



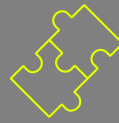
Patent pending one-stop lamination process of data media, current collectors and terminal busbars.

### COST EFFICIENT



FDC technology along with low profile materials and simplified processes are used to reduce the overall cost.

### DESIGN FLEXIBILITY



Supports cell-to-module, cell-to-pack and cell-to-chassis configurations.

### APPLICATIONS

- + Electric vehicles
- + Commercial transportation
- + Energy storage system
- + Personal mobility

#### 01. ONE-STOP LAMINATION PROCESS

- + One-stop lamination streamlines 3 processes – lamination of current collectors, insulation of terminal busbars with power coating materials and assembly of low voltage circuits.

#### 03. DATA COLLECTION MEDIA

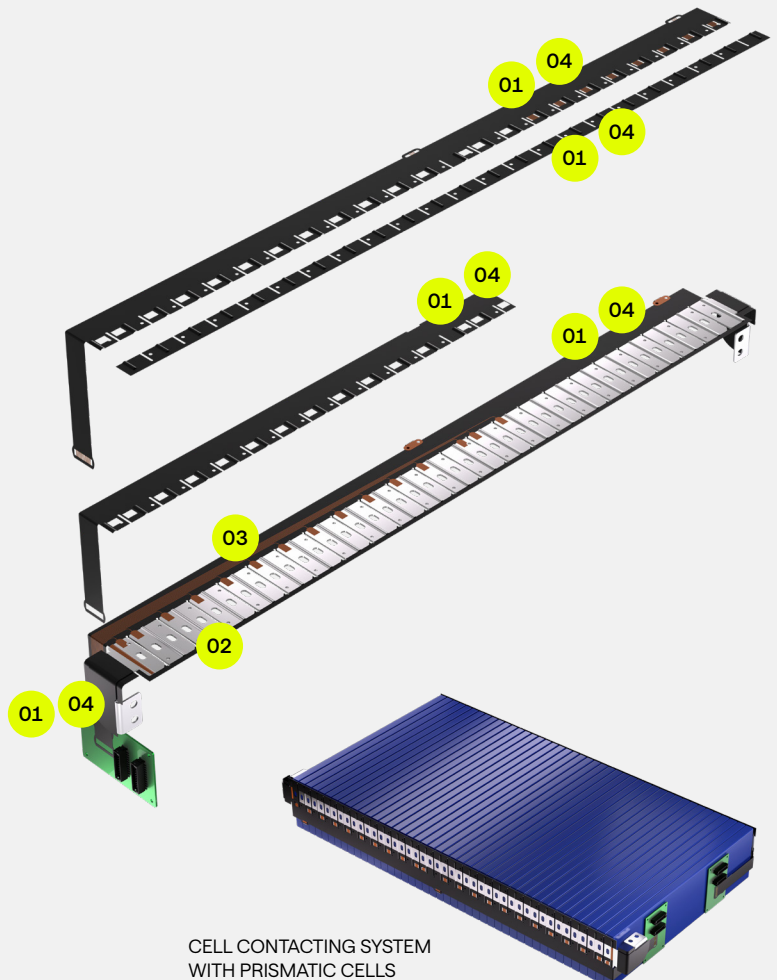
- + Flexible die-cut technology. As compared to Flexible Printed Circuit (FPC), our FDC offers cost savings while providing robust connection.
- + Connected to current collectors for voltage sensing.
- + Connected to flexible NTC pigtails for temperature sensing.
- + Seamless assembly of printed circuit board with signal connectors.
- + Provides robust connection to control board.

#### 02. CURRENT COLLECTOR

- + High-precision stamped for tight tolerances. Achieves excellent current density spread.
- + Dielectric insulation layers incorporated.
- + Specific configurations to attain required outputs.
- + Customizable for tight space constraints.
- + Positive and negative terminals can be formed down to cell level for laser weld or wire bond attachment.

#### 04. LAMINATED LAYER WITH LOW PROFILE MATERIAL

- + PET, a lower profile material is used for the dielectric layers on low voltage circuits, high voltage current collectors and terminal busbars, removing the need for other insulation materials.



CELL CONTACTING SYSTEM  
WITH PRISMATIC CELLS