

Vofinity Cell Contacting System >

Vofinity Cell Contacting System delivers a reliable and easy-to-implement interface solution that connects cells to the control board in an electric vehicle battery module, eliminating the need for daisy-chained wires

FEATURES AND ADVANTAGES

Uses metal adaptor and laser welding instead of wires and joining method

Decreases chance of deformation

Aluminum busbar

Offers thermal efficiency and mechanical flexibility

Designed with cover

Provides safety by preventing contact with electrical current

FPC connector

Sends temperature, voltage and current data to the battery management system

Copper busbar

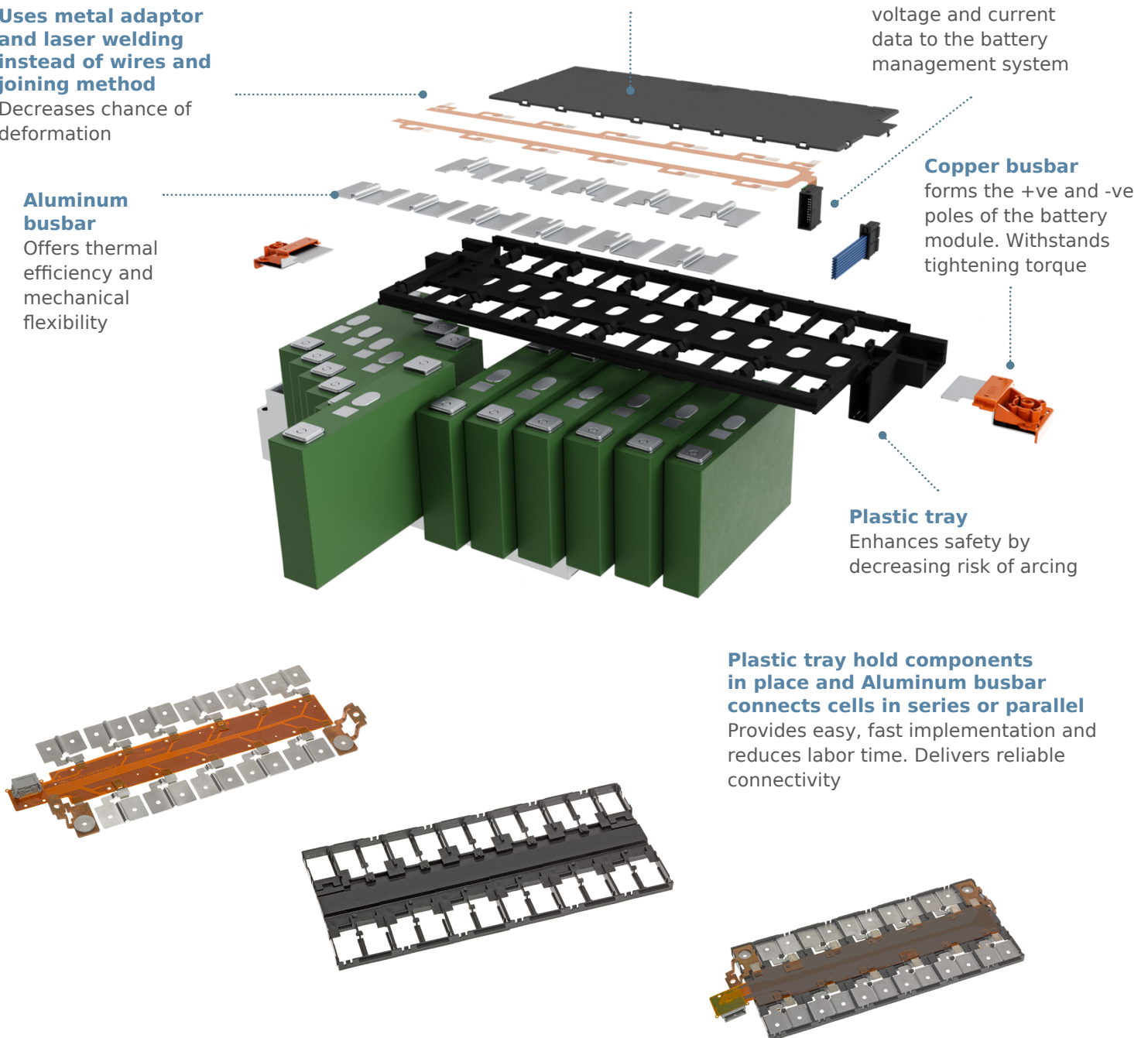
forms the +ve and -ve poles of the battery module. Withstands tightening torque

Plastic tray

Enhances safety by decreasing risk of arcing

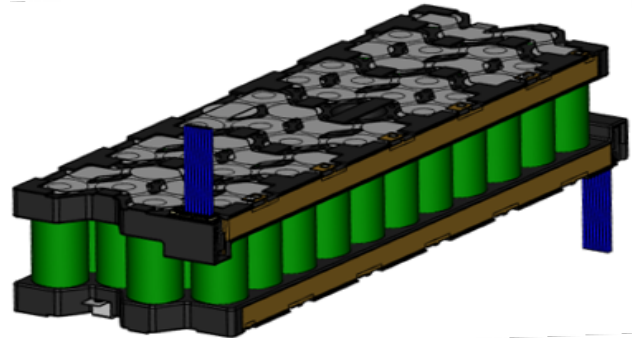
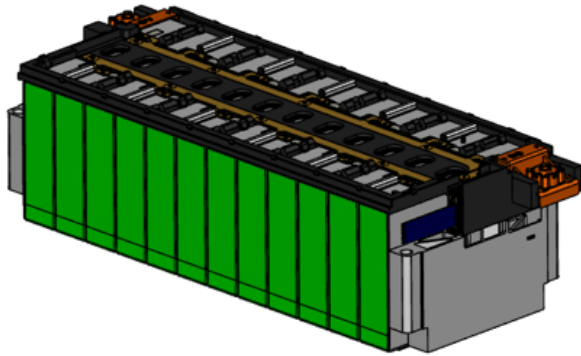
Plastic tray hold components in place and Aluminum busbar connects cells in series or parallel

Provides easy, fast implementation and reduces labor time. Delivers reliable connectivity



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FEATURES AND ADVANTAGES



Available for prismatic and cylindrical cells
Offers design flexibility

MARKETS AND APPLICATIONS

Automotive and Commercial Vehicle

Electric vehicles
Battery modules

Stationary Storage Energy Market

Solar energy
Windmill energy



Electric Car



Electric Bus



Battery Storage Power Station

www.molex.com/link/volfinity.html