

Adaptive Electrification Management System

The Adaptive Electrification Management System by Moog Construction simplifies the power management and control of functions on electric vehicles. It integrates key components, reduces complexity and cost, and can be easily updated. It manages power, enables automated features, and configures component modules for specific applications.

Features

Patented common high voltage busbar & coolant modules	<ul style="list-style-type: none">• Reduces cable connections• Increases reliability• Increases efficiency• Reduces component count
Bookcase Architecture	<ul style="list-style-type: none">• Minimizes integration time, including pluggable connections• Minimizes costly downtime• Minimizes cost of repair
Designed to meet the highest global standards and regulations	<ul style="list-style-type: none">• EMC: ISO 13766, Electrical Safety: ISO 14990, Environmental: ISO 16750• Tested and verified as a complete system solution, CE, CSA
Optimized voltage ranges	<ul style="list-style-type: none">• ISO 21498: Udc nom Unlimited• 400: 270Vdc-480Vdc & 800: 400Vdc-800Vdc• Optimizes system costs• Optimizes system/solution size (compact)
Integrated functionality safety (as optional variant)	Integrated functional safety to Performance Level D in accordance with ISO 13849

