

CHASSIS-INTEGRATED PACK**NOMINAL VOLTAGE**

702 V

CAPACITY

161 Ah

ENERGY

113 kWh

ENERGY DENSITY

300 Wh/L; 201 Wh/kg

**Chassis-Integrated Pack**
2,090 x 634 x 285 mmEngineered and assembled in the USA.
Designed to support BABA-compliant OEM programs.**NEXT-GENERATION BATTERIES
FOR COMMERCIAL AND
INDUSTRIAL ELECTRIFICATION**

The **Aventor Intelligent Battery Series** is ABS' next-generation high-voltage battery platform, engineered for demanding commercial and industrial electrification. A scalable architecture combines high energy density, advanced thermal management, intelligent controls and robust safety in compact, rugged pack designs. Built for integration flexibility and long-term performance, Aventor helps OEMs accelerate next-generation electric vehicle and equipment platforms.

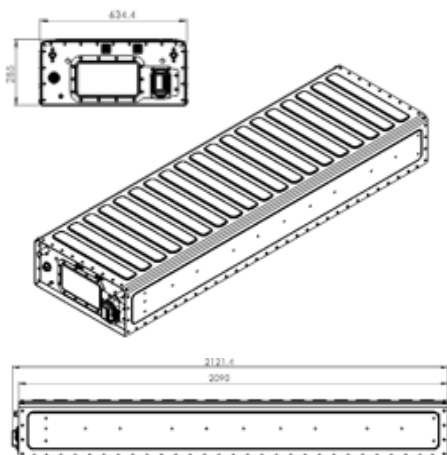
APPLICATIONS

- ✓ Commercial electric vehicles
- ✓ Transit & specialty vehicles
- ✓ Material handling & logistics
- ✓ Autonomous vehicles & equipment
- ✓ Agriculture & industrial equipment
- ✓ ... and more!

**American Battery Solutions, Inc.**www.americanbatterysolutions.com+1 (248) 462-6364 | sales@americanbatterysolutions.com

KEY FEATURES

Chassis-Integrated Pack 2,090 x 634 x 285 mm



BUILT TO LAST

- ✓ Automotive-grade lithium-ion tech; rugged design

SCALABLE AND MODULAR

- ✓ Can be connected in parallel to meet higher energy requirements

SMARTER BATTERY

- ✓ Integrated liquid cooling and state-of-the-art BMS help to regulate battery performance

REAL-WORLD READY

- ✓ Wide operating temperature range; IP67 & IP69k enclosure

BUY AMERICA

- ✓ Designed, tested, and assembled in MI and OH USA

SPECIFICATION	CHASSIS-INTEGRATED
Nominal ratings at 25 °C	702 V, 161 Ah, 113 kWh
Voltage range	480 V – 800 V
Cycle life at 25 °C, 80% SOH, 90% DOD	2,500 cycles
Continuous current – charge	190 A
Continuous current – discharge	220 A
Peak current	Charge: 340 A Discharge: 500 A
Dimensions	2,090 x 634 x 285 mm
Weight	562 kg
Operating temperature range	Charge: -10 °C to 60 °C Discharge: -30 °C to 60 °C
IP rating	IP67 & IP69k
Cell technology	4695 NMCA Lithium-Ion

© 2026 American Battery Solutions, Inc. All rights reserved. This data sheet is for general informational purposes only and does not constitute a contract or warranty. Final product specifications, certifications, configurations, and availability may vary by application. Performance characteristics are dependent on use conditions. For the most current technical data, certifications, and application-specific guidance, please contact ABS directly.