

HYPER-RUGGED CUBE PACK**NOMINAL VOLTAGE**

702 V

CAPACITY

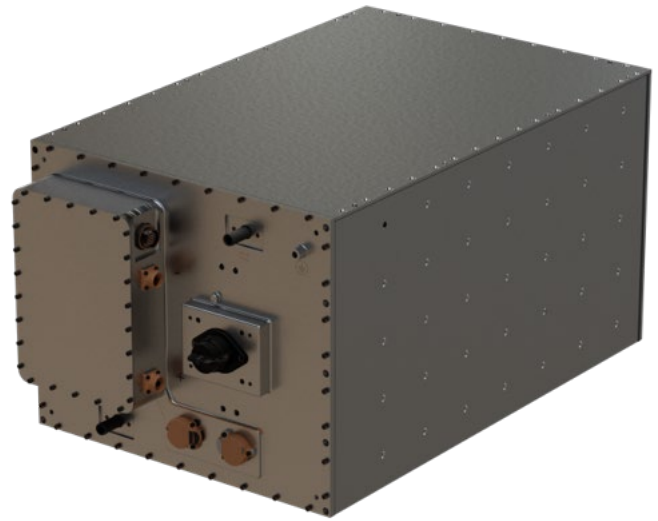
161 Ah

ENERGY

113 kWh

ENERGY DENSITY

287 Wh/L; 185 Wh/kg

**Hyper-Rugged Cube Pack**

1089.7 x 660.6 x 545.4 mm

Engineered 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

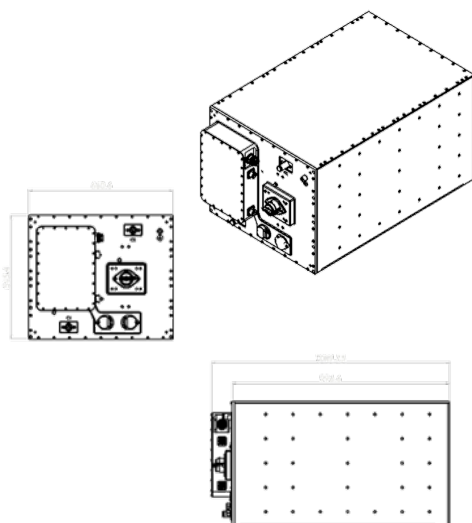
- ✓ Commercial electric vehicles
- ✓ Transit & specialty vehicles
- ✓ Material handling & logistics
- ✓ Autonomous vehicles & equipment
- ✓ Agriculture & industrial equipment
- ✓ ... and more!

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KEY FEATURES

Hyper-Rugged Cube Pack

1089.7 x 660.6 x 545.4 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 enclosure

BUY AMERICA

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

SPECIFICATION	HYPER-RUGGED CUBE
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	1089.7 x 660.6 x 545.4 mm
Weight	612 kg
Operating temperature range	Charge: -10 °C to 60 °C Discharge: -30 °C to 60 °C
IP rating	IP67
Cell technology	4695 NMCA Lithium-Ion

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