

**HYPER-RUGGED CUBE PACK****NOMINAL VOLTAGE**

702 V

**CAPACITY**

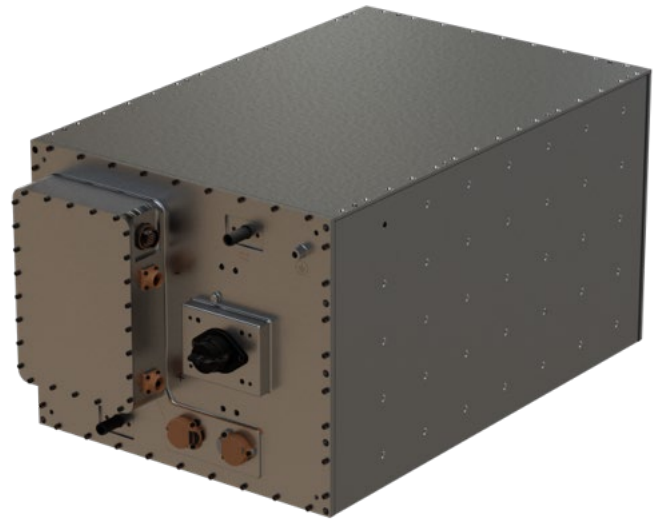
161 Ah

**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**

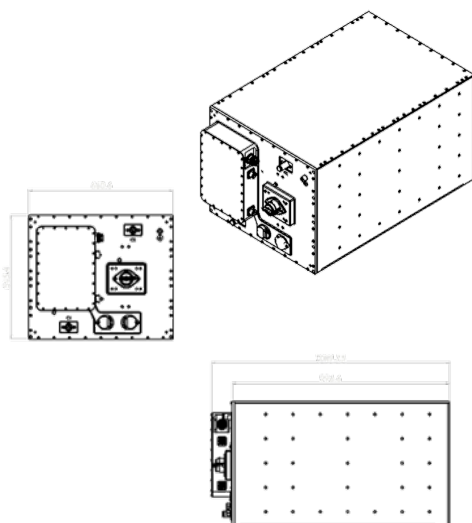
- ✓ Commercial electric vehicles
- ✓ Transit & specialty vehicles
- ✓ Material handling & logistics
- ✓ Autonomous vehicles & equipment
- ✓ Agriculture & industrial equipment
- ✓ ... and more!

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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   | 2,500 cycles                                        |
| Continuous current – charge    | 190 A                                               |
| Continuous current – discharge | 220 A                                               |
| Peak current                   | Charge: 340 A<br>Discharge: 500 A                   |
| Dimensions                     | 1089.7 x 660.6 x 545.4 mm                           |
| Weight                         | 562 kg                                              |
| Operating temperature range    | Charge: 1° C to 60° C<br>Discharge: -29° C to 59° C |
| IP rating                      | IP67                                                |
| Cell technology                | 4695 NMCA Lithium-Ion                               |

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