



American Battery Solutions is introducing a family of standard, "off-the-shelf" EV batteries in addition to developing custom battery solutions. Our **Proliance Intelligent Battery Series™** high voltage lithium-ion battery packs are designed for rigorous use, high reliability and long-life. The Proliance batteries are specifically designed for use in wide range of light, medium and heavy-duty electric commercial vehicles and industrial EV applications.

## **Proliance High Voltage Battery Pack Features**

- Scalable and Modular battery solutions
  - o can be connected in series or in parallel
  - energy ranging from 50kWh-100's kWh
- Multi-chemistry support
- Integrated high voltage front end with Vehicle and charger interfaces
- High Voltage Interlock Loop
- Fast-charger support
- 12V or 24V powernet
- Pre-charge circuit
- Liquid cooling (water/glycol)
- Custom pump or heater control integration
- ISO26262 ASIL-C functional safety
- SAE J1939 CAN communications
- SOC, SOH, Balancing
- UDS diagnostics
- AutoSAR-like environment



## **Key Benefits:**

- 1. Safe
- 2. More energy = longer range
- 3. Eliminates the need for the mid-cycle replacement. Offers excellent total cost of ownership for fleet users
- 4. Highly competitive market-based pricing
- 5. Designed for the battery circular economy

#### www.americanbatterysolutions.com





# **Performance Specifications**

|                        | T350-50             | T350-100            | T665-110           |
|------------------------|---------------------|---------------------|--------------------|
| Voltage, Nominal       | 352V                | 352V                | 665V               |
| Voltage, Range         | 270-403             | 270-403             | 550-738            |
| Energy, Total          | 52kWh               | 104kWh              | 111kWh             |
| Capacity               | 150Ah               | 312Ah               | 160Ah              |
| Continuous Current     | 230A                | >440A               | 230A               |
| Specific Energy        | >200Wh/kg           | >200Wh/kg           | >200Wh/kg          |
| Dimensions (L x W x H) | 1,306 x 717 x 270mm | 2,425 x 750 x 255mm | 1980 x 908 x 270mm |



# **Contact American Battery Solutions Today**

at <u>info@americanbatterysolutions.com</u> or call us at 248-462-6364.

### www.americanbatterysolutions.com

© 2021 American Battery Solutions Inc. All rights reserved. The data herein is intended as a guide and does not reflect the specification range for any particular property of this product. Such data is based upon analysis of representative samples and not the actual product shipped. We based the information on data believed to be reliable on the date compiled, but we do not represent, warrant, or otherwise guarantee, expressly or impliedly, the merchantability, fitness for a particular purpose, freedom from patent infringement, suitability, accuracy, reliability, or completeness of this information or the products, materials or processes described.