
325V 36kWh Battery Pack



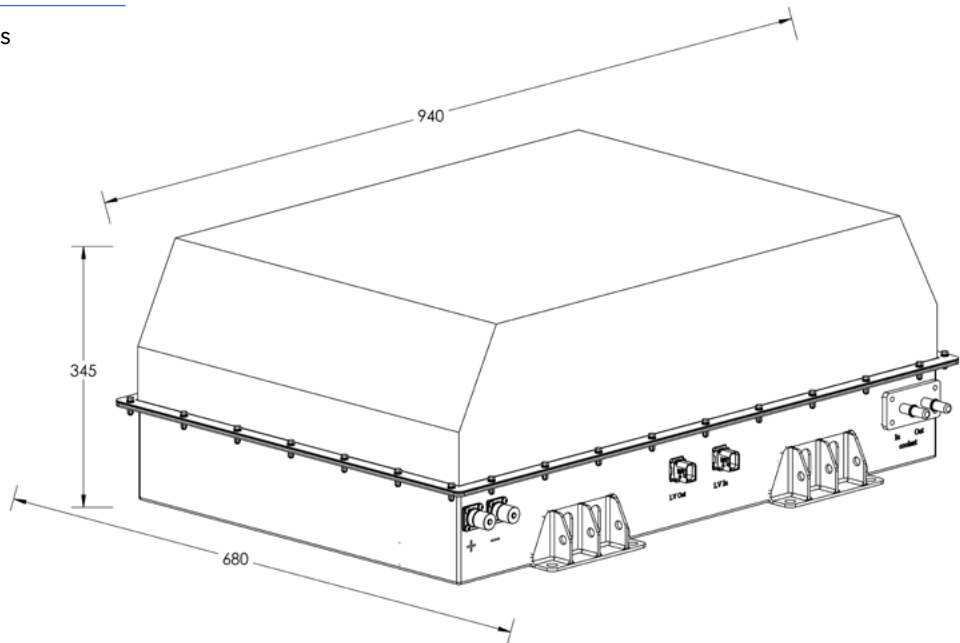
High Voltage packs for Motive, Mobile,
and Stationary Applications

Specifically designed and certified for medium/ heavy duty electric trucks and buses, this rugged, liquid-cooled, 325V, 36kWh pack is designed to be adapted to a wide variety of markets including auto, defense, marine, and mobile power using the latest 21700 cell technology from the top cell manufacturers.

Features

- High energy density 21700 cylindrical NMC cell technology
- Distributed BMS Architecture: High-resolution monitoring and control via CAN
- Liquid-cooled for optimal thermal performance
- Configurable in series or parallel configuration to match 330V or 650V voltage architecture
- Ruggedized IP67 automotive grade steel enclosure
- Available with optional high-voltage junction box for up to four strings
- UN38.3 Certified. Validated using GBT standard

Physical Dimensions



Technical Specifications

Voltage - Nominal	328.5V	Ideal Storage Temperature	5°C to 25°C
Voltage - Range	288V – 369V	Safety and Certification	UL1642(cells), UN38.3(pack)
Energy Capacity - Nameplate	110.4Ah/36.26kWh	Cooling System	Liquid-cooled
Continuous Discharge Current/Power	110A/36kW	Recommended Depth of Discharge ²	80%
Peak Discharge Current/Power (≤ 5s)	220A/72kW	BMS Architecture	Integrated/Distributed
Continuous Charge Current	≤30A	Communication	CAN
Peak Charge Current/Power (≤10s)	77A/ 25.3kW	Ingress Protection (IP) Rating	IP67
Mass (Dry)	220kg (485lb)	Expected Cycle Life ³	≥3000 cycles
Dimensions ¹	650 × 940 × 350mm (26 × 37 × 14in)	Warranty	2000 cycles or 3 years (optional 5 Yr. Extended Warranty available)
Specific Energy	164Wh/kg		
Discharge Operating Temp	-20°C to 50°C		
Charge Operating Temp	0°C to 45°C		

1 Cable & connector keep-out areas not included in these dimensions
2 For optimal performance and cycle life
3 25°C cell temperature and ≤0.3C charge/discharge rates at 80% DOD