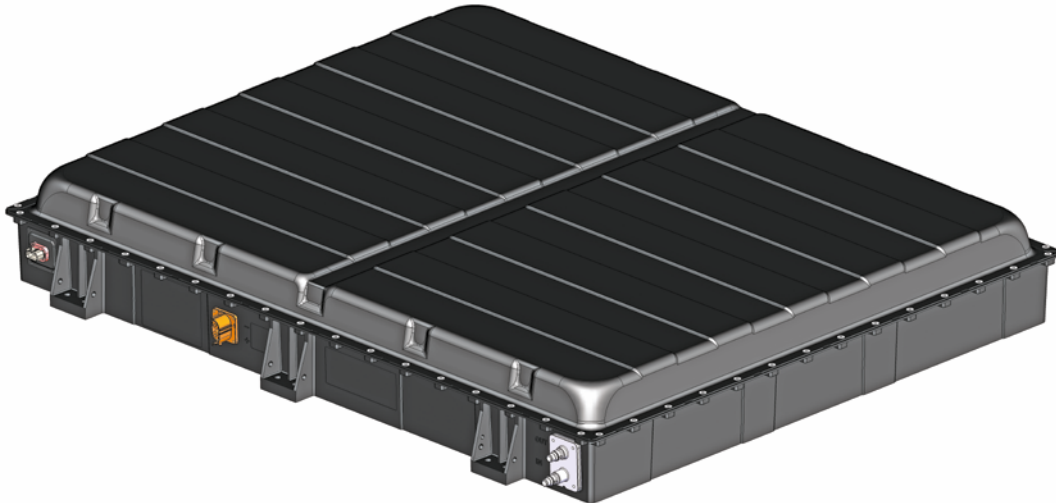

665V 99.8kWh Battery Pack



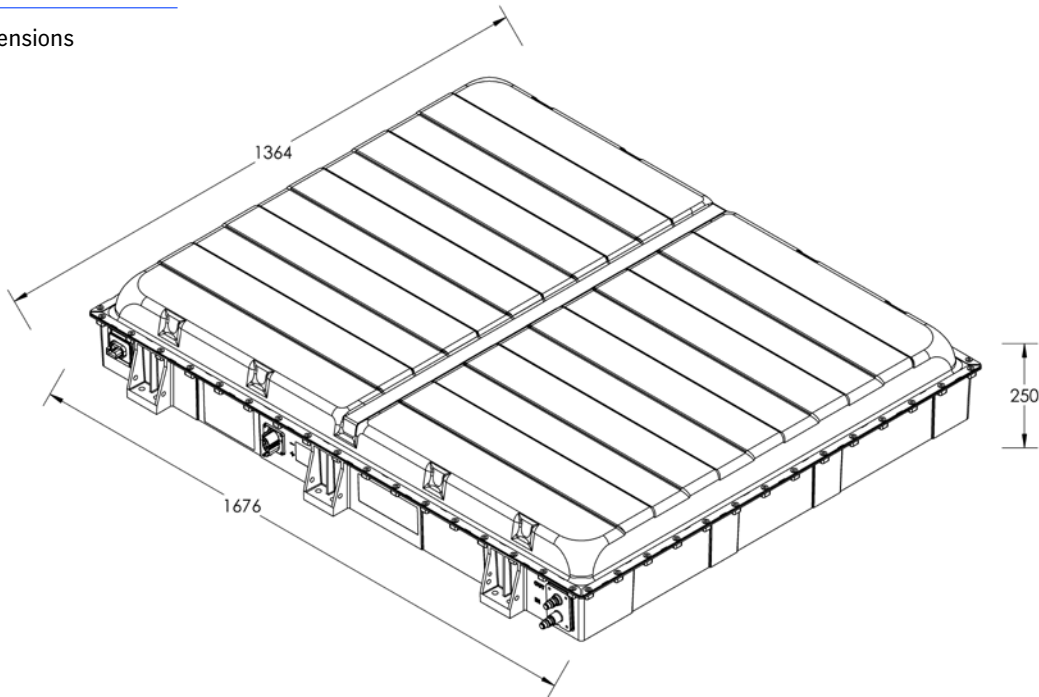
High Power Module for Motive, Mobile, and Stationary Applications

Specifically designed and certified for medium/ heavy duty electric trucks and buses, this rugged, liquid-cooled, 665V, 99.8 kWh pack is designed to be adapted to a wide variety of markets including auto, defense, marine, and mobile power using the latest prismatic cell technology from the top cell manufacturers.

Features

- Long Life Lithium Iron Phosphate Prismatic Cell
- Distributed BMS Architecture: High-resolution monitoring and control via CAN
- Liquid-cooled for optimal thermal performance
- Configurable in series or parallel configuration to match 660V voltage architecture or higher capacity
- Ruggedized IP67 automotive grade steel enclosure
- UN38.3 Certified. Validated using GBT standard

Physical Dimensions



Technical Specifications

Voltage - Nominal	665.6 V	Charge Operating Temp	0°C to 45°C
Voltage - Range	582V - 738.4V	Ideal Storage Temperature	5°C to 25°C
Energy Capacity - Nameplate	150Ah/99.8 kWh	Safety and Certification	UN38.3(pack)
Continuous Discharge Current/Power	150A/99.8 kW	Cooling System	Liquid-cooled
Peak Discharge Current/Power ($\leq 5s$)	200A/133 kW	Recommended Depth of Discharge ²	90%
Continuous Charge Current	$\leq 150A$	BMS Architecture	Integrated/Distributed
Peak Charge Current/Power ($\leq 10s$)	200 A	Communication	CAN
Mass (Dry)	685 kg (1500 lb.)	Ingress Protection (IP) Rating	IP67
Dimensions ¹	1676 × 1364 × 250 mm (65.9 × 53.7 × 9.84 in)	Expected Cycle Life ³	≥ 3000 cycles
Specific Energy	145 Wh/kg	Warranty	2000 cycles or 3 years (optional 5 Yr. Extended Warranty available)
Specific Power	195 W/kg		
Discharge Operating Temp	-20°C to 50°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 $\leq 0.3C$ charge/discharge rates at 90% DOD