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## 665V 99.8kWh Battery Pack



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### High Power Module for Automotive, Mobile, and Stationary Applications

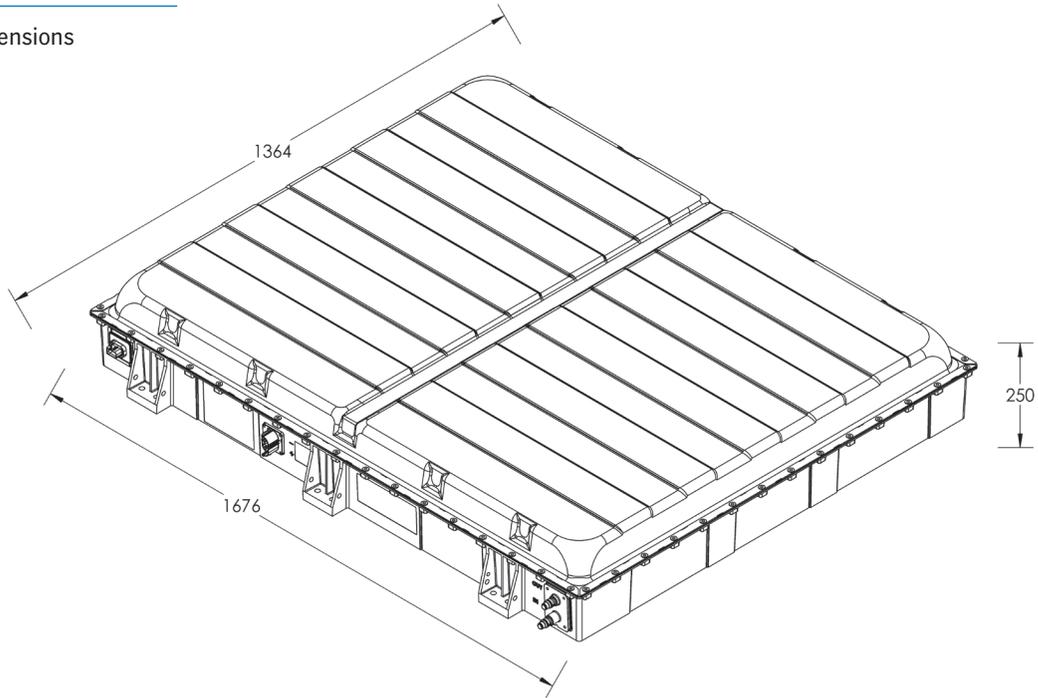
Specifically designed and certified for medium/ heavy duty electric trucks and buses, this rugged, liquid-cooled, 665V, 99.8 kWh pack is designed to be adapted to a wide variety of markets including auto, defense, marine, and mobile power using the latest prismatic cell technology from the top cell manufacturers.

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### 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 parallel configuration to match 660V architecture or higher capacity
- Ruggedized IP67 automotive grade steel enclosure
- UN38.3 Certified. Validated using GBT standard

## Physical Dimensions



## Technical Specifications

Voltage - Nominal	665.6V	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 <sup>2</sup>	90%
Continuous Charge Current	$\leq 150A$	BMS Architecture	Integrated/Distributed
Peak Charge Current/Power ( $\leq 10s$ )	200A	Communication	CAN
Mass (Dry)	685kg (1500 lb)	Ingress Protection (IP) Rating	IP67
Dimensions <sup>1</sup>	1676 × 1364 × 250mm (65.9 × 53.7 × 9.84in)	Expected Cycle Life <sup>3</sup>	$\geq 3000$ cycles
Specific Energy	145Wh/kg	Warranty	2000 cycles or 3 years (optional 5 Yr. Extended Warranty available)
Specific Power	195W/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