

# 660V 88.9kWh BATTERY PACK

## Octillion Power Systems (OPS) - a Global tier-1 Supplier of Advanced Lithium Battery Packs

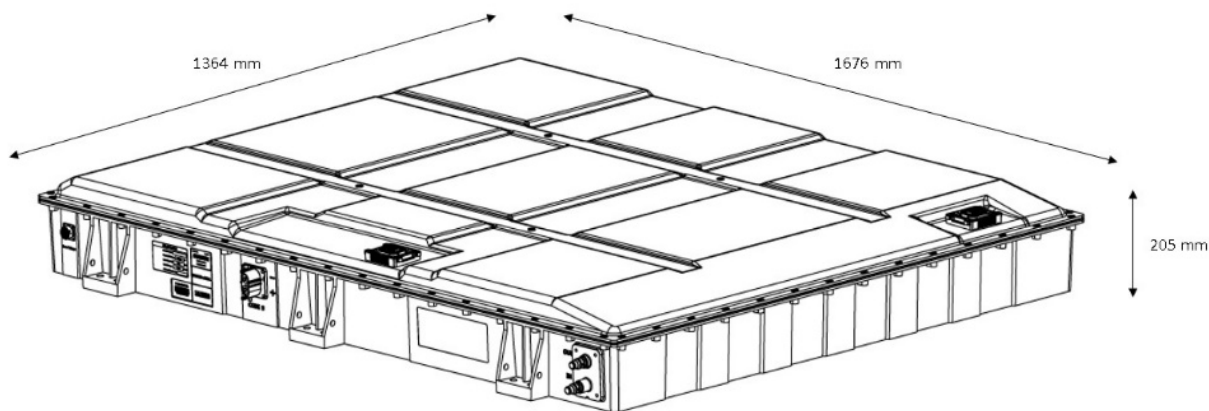
### High Voltage packs for Motive, Mobile, and Stationary Applications

Specifically designed and certified for medium/ heavy duty electric trucks and buses, this rugged, liquid-cooled, 660V, 88.9kWh 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

- High energy density prismatic 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 660V voltage architecture or higher capacity
- Ruggedized IP67 automotive grade steel enclosure
- UN38.3 Certified. Validated using GBT standard



*Octillion 660V 88.9kWh Physical Dimensions*

## Technical Specifications

Voltage - nominal	658.8 V
Voltage – range	540V – 720V
Energy Capacity - Nameplate	135Ah/88.9 kWh
Continuous Discharge Current/Power	135A/88.9 kW
Peak Discharge Current/Power ( $\leq 10s$ )	200A/131.7 kW
Continuous Charge Current	$\leq 67A$
Peak Charge Current ( $\leq 10s$ )	200 A
Mass (dry)	605 kg (1333 lb.)
Dimensions <sup>1</sup>	1676 x 1364 x 205 mm (65.9 x 53.7 x 8.07 in)
Specific Energy	147Wh/kg
Specific Power	217.7W/kg
Discharge Operating Temp	-20°C to 50°C
Charge Operating Temp	0°C to 45°C
Ideal Storage Temperature	5°C to 25°C
Safety and Certification	UN38.3(pack)
Cooling System	Liquid-cooled
Recommended Depth of Discharge <sup>2</sup>	80%
BMS Architecture	Integrated/Distributed
Communication	CAN
Ingress Protection (IP) Rating	IP67
Expected Cycle Life <sup>3</sup>	$\geq 3000$ cycles
Warranty	2000 cycles or 3 years (optional 5 Yr. Extended Warranty available)

<sup>1</sup> Cable & connector keep-out areas not included in these dimensions

<sup>2</sup> For optimal performance and cycle life

<sup>3</sup> @25°C cell temperature and  $\leq 0.3C$  charge/discharge rates at 80% DOD

## Contact Octillion

Contact Octillion today at [info@octillion.us](mailto:info@octillion.us) or +1-510-589-1159