

NMC 930 Battery (93kWh, 622V)

High Energy Density Battery Pack

SYSTEM FEATURES

- ✦ NMC₆₂₂ Cell Chemistry
- ✦ Up to 170 Wh/kg Pack Level Density
- ✦ Liquid thermal management
- ✦ Integrated BMS and CAN 2.0A Controlled
- ✦ Protection classes IP67 (IP6K9K possible)
- ✦ Integrated Precharge and Isolation Measurement
- ✦ Parallel Topology for Multiple Packs in One Vehicle
- ✦ Suitable for Light and Heavy Commercial Vehicle Applications, Busses, Trucks and Marine



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BATTERY PACK SPECIFICATIONS

ELECTRICAL DATA	VALUE	UNIT
Cell Type	NMC ₆₂₂	
Energy (Installed / Usable)	93.2 / 84	kWh
Capacity	150	Ah
Nominal Voltage	621.6	V
Voltage - min. / max	504 - 739.2	V
Charge Power Cont.	93	kW
Charge Power Peak	93	kW
Discharge Power Cont.	93	kW
Discharge Power Peak	160 - (Optional 250)	kW
Cycle Life Expectancy @90%DOD	>2000	Cycles

MECHANICAL DATA		
Pressure drop @10l/min and 25°C	<0.5	bar
Operating Temp. during discharging	-20 ~ 55	°C
Protection classes	IP67	
Weight	617 ± 10 - (Optional 550)	kg
Dimension	1657 x 952 x 290	mm

SYSTEM OPTION 1

Vehicle PDU

HV Distribution



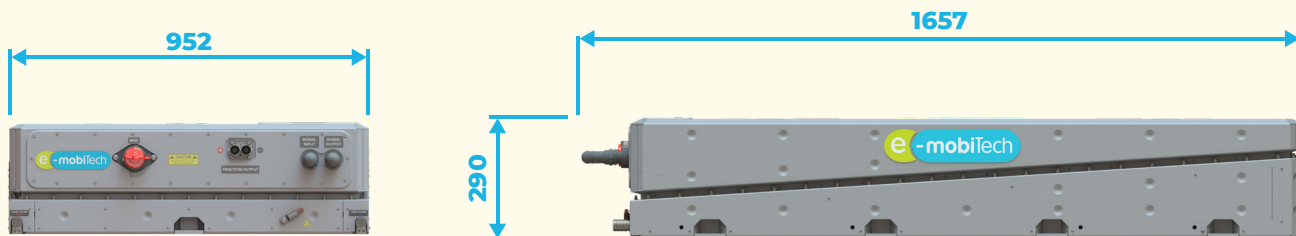
SYSTEM OPTION 2

Battery System PDU

2-8 Parallel Battery Pack



DIMENSIONS



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