

INMOTION

CHARGING AHEAD





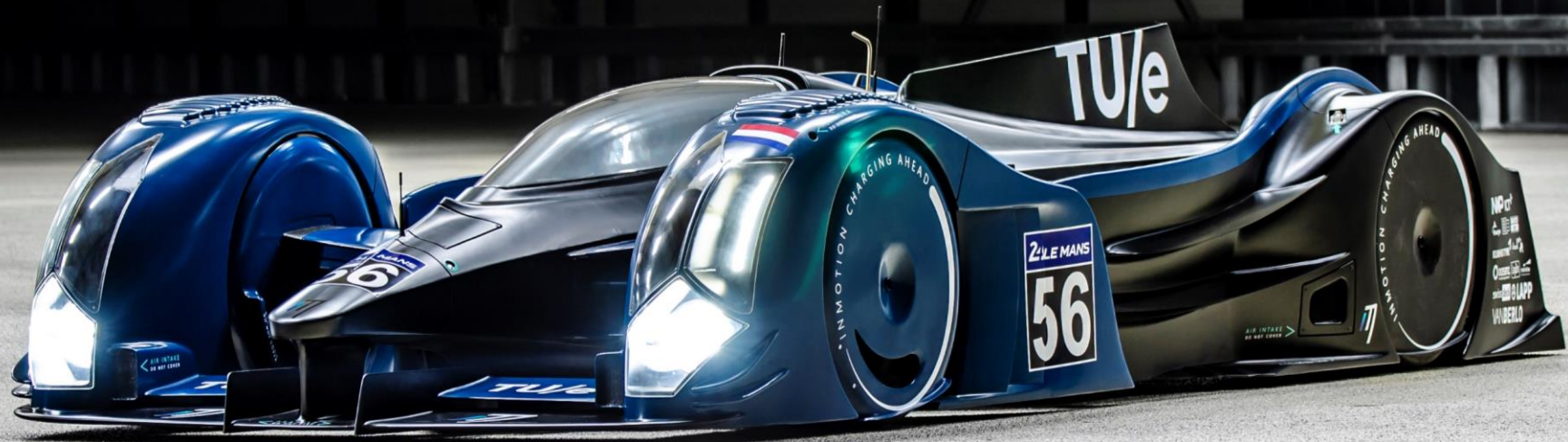




1:48:371
ZANDVOORT

1:43:059
TT-ASSEN

Fusion



Vision



Fast charging
= too slow!

*'ELECTRIC
REFUELING'*



Revolution



4 MINUTES



*Ingredients to
success*

High-performance...

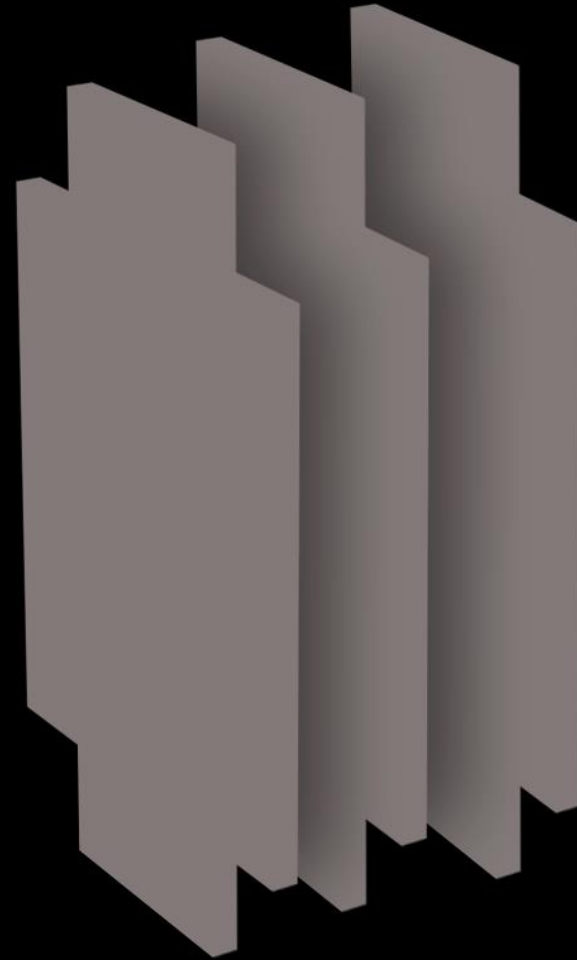


Cells



Cooling

*Cell-level
cooling*

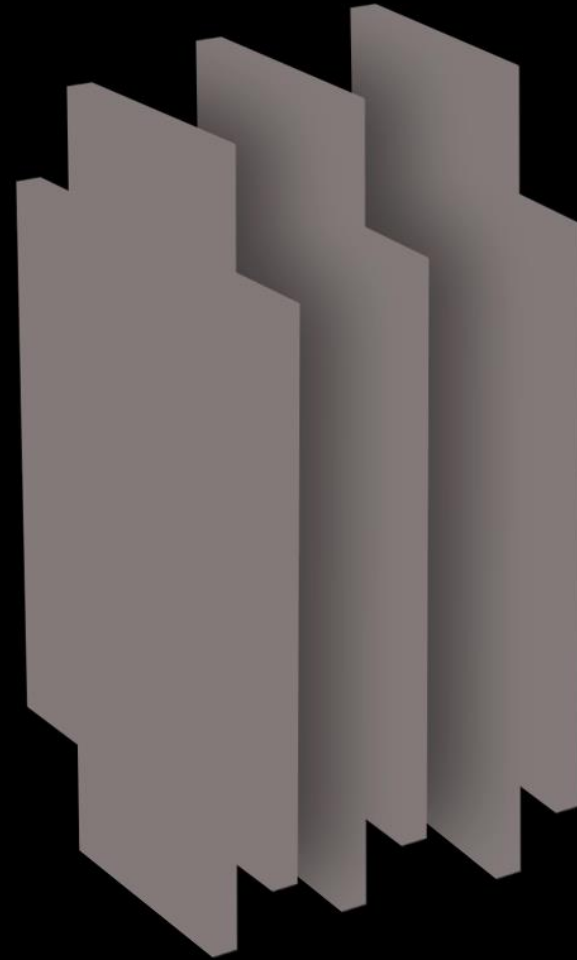


Why?

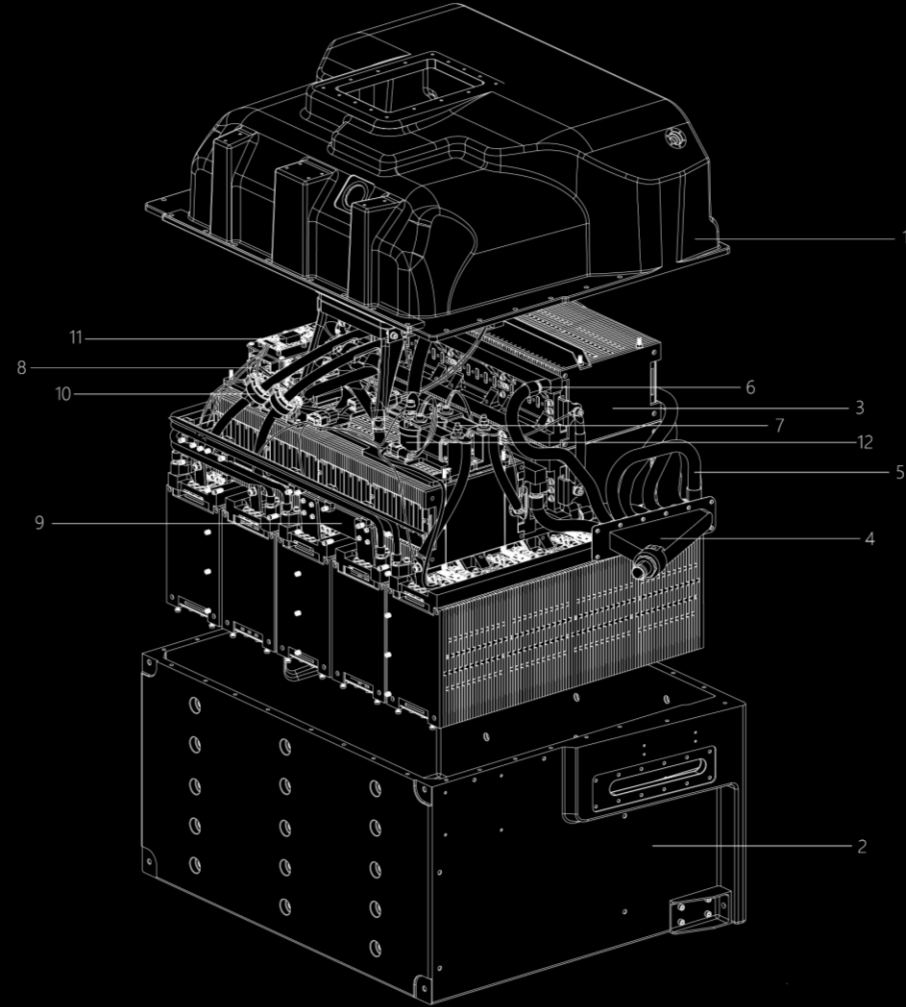
Fast charging

Continuous performance

Battery health



*The next generation
battery pack*

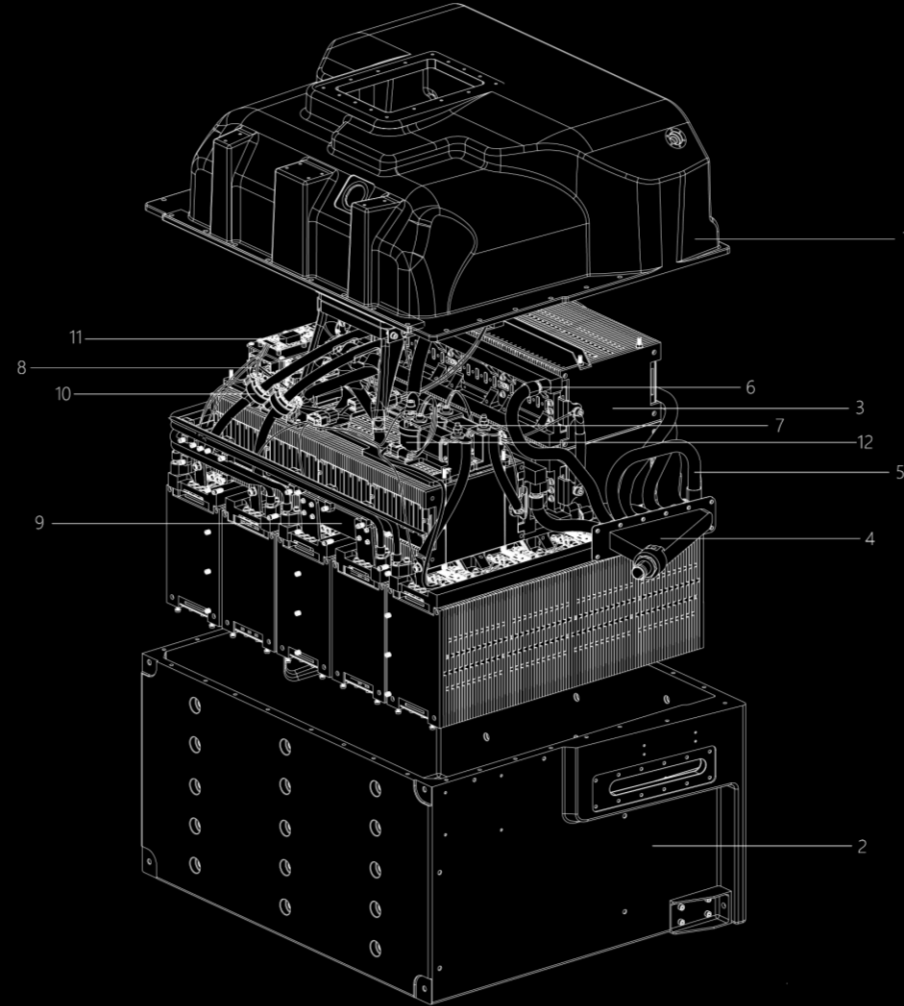


Structure

1	Battery box lid	1 pcs
2	Battery box	1 pcs
3	Module	8 pcs

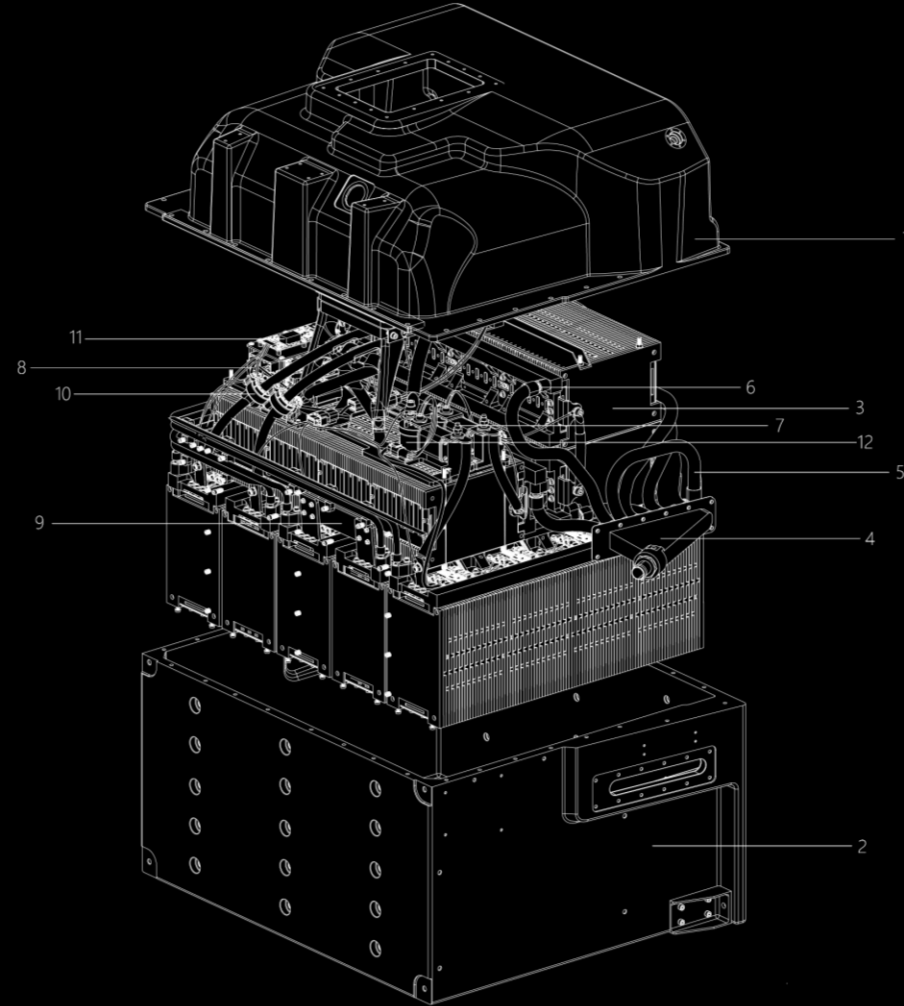
Cooling system

4	Battery box manifold	80 L/min
5	Cooland hoses	16 pcs
6	Manifold outlet	10 L/min



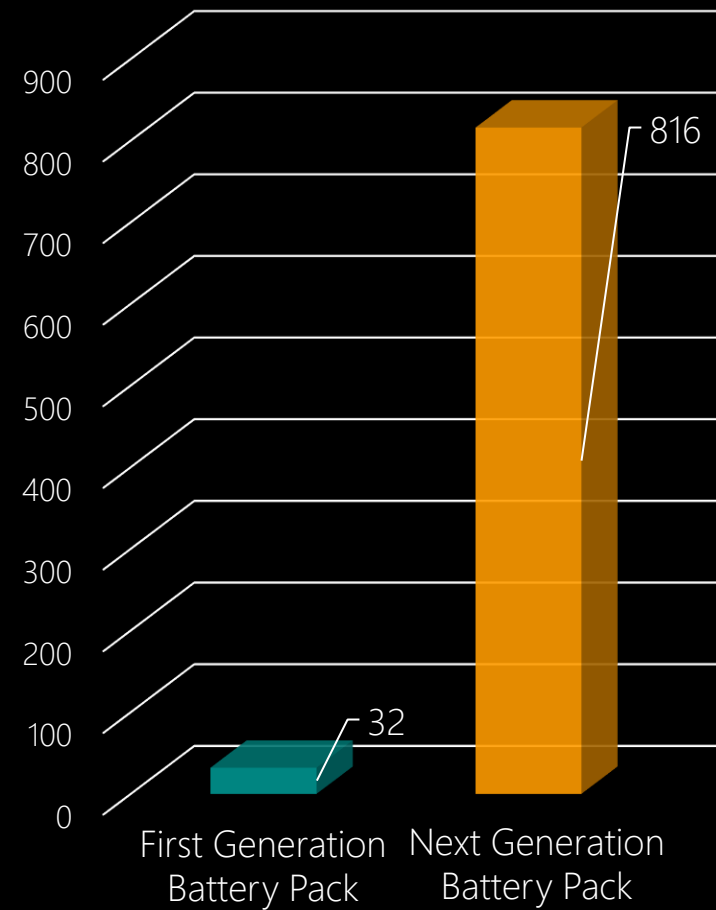
Electrical system

7	1000 V fuses	500 A
8	BMS master	2 pcs
9	Busbar	800 V
10	Current sensor	2 pcs
11	IMD	1 pcs
12	800 V contactor	600 A

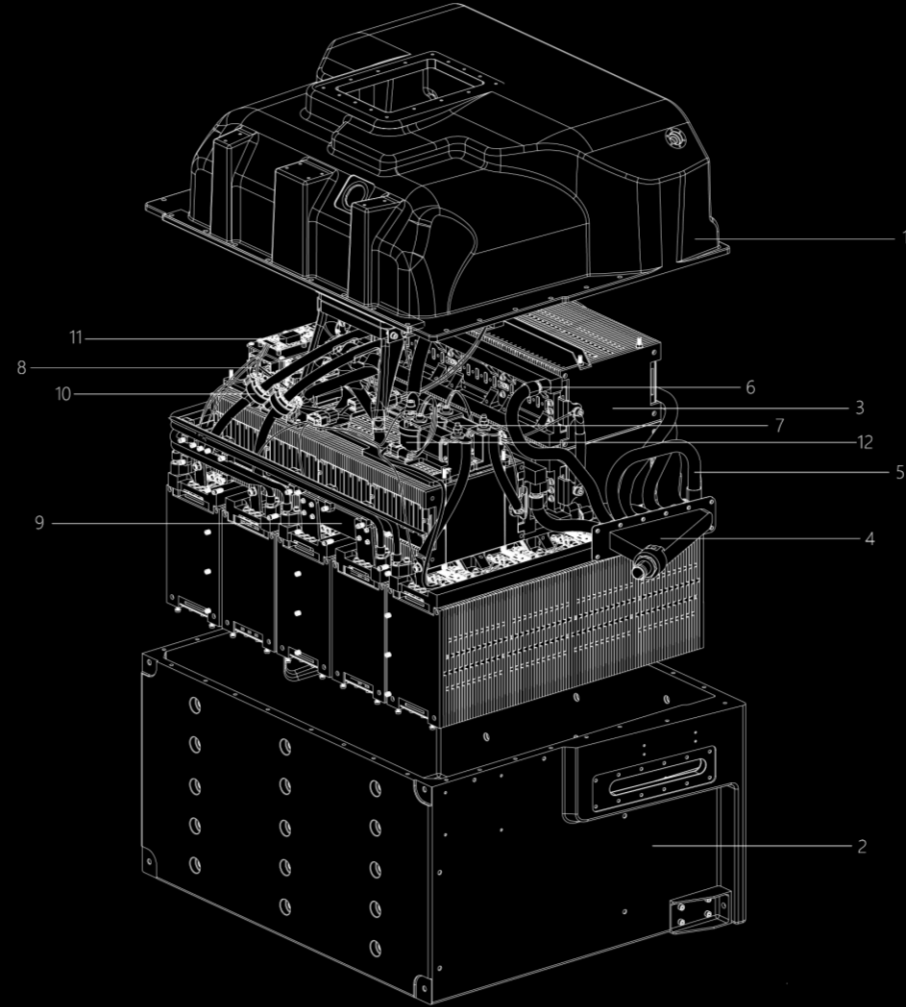


Challenges Reliability

Battery pack cooling connections



Challenges
Form factor





Our Vision

"Showcasing Electric Refueling in the toughest racing conditions, thereby creating an attractive image for electric vehicles and dream to participate in the 24h of Le Mans"





Our Mission

Inspire students, organizations,
and society with our unique
racecars

Accelerate the energy
transition in the automotive
industry



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AVIA VOLT

PRODRIVE TECHNOLOGIES

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AUTOMOTIVE CAMPUS

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KENNOL PERFORMANCE OIL



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mst GROEP Art of mechanics



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Stay in the fast lane of innovation!



Stand 7.F008