


ONLINE PUBLIC DEMONSTRATION

17th November 2020, 10:00-12:00 CET



InteGrated and PHysically Optimised Battery System for Plug-in Vehicles Technologies

 This session is being recorded

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This project has received funding from the European Union's Horizon2020 Programme for research and innovation under grant agreement No.770019.



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Assembly & electric test of the Basic Unit

Frédéric Meniere



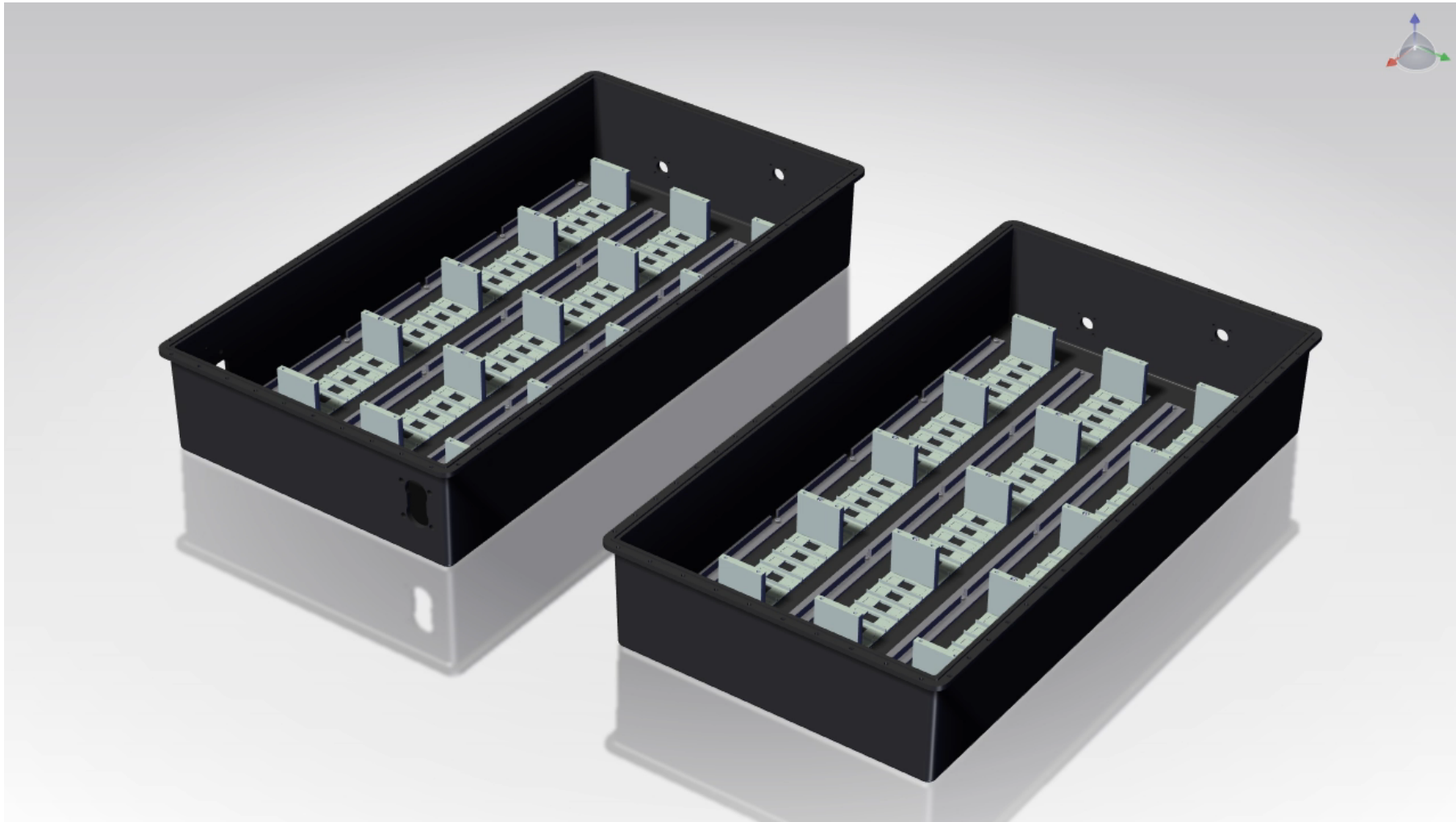
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Basic Unit assembly (CAD)



Basic Unit preparation(real life)

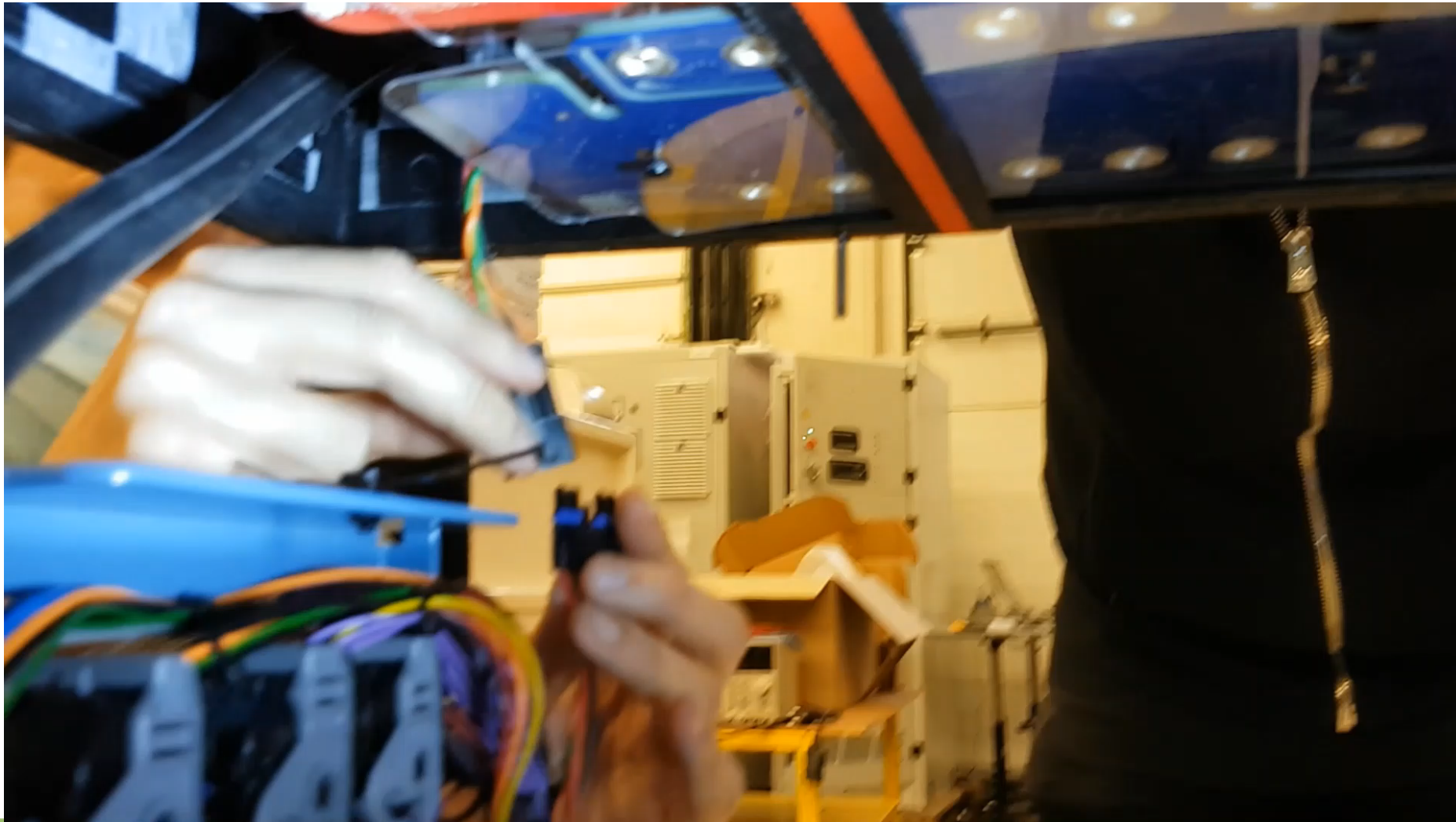


All cells installed before Power PCB plug



BU ready to close

Basic Unit closing (real life)

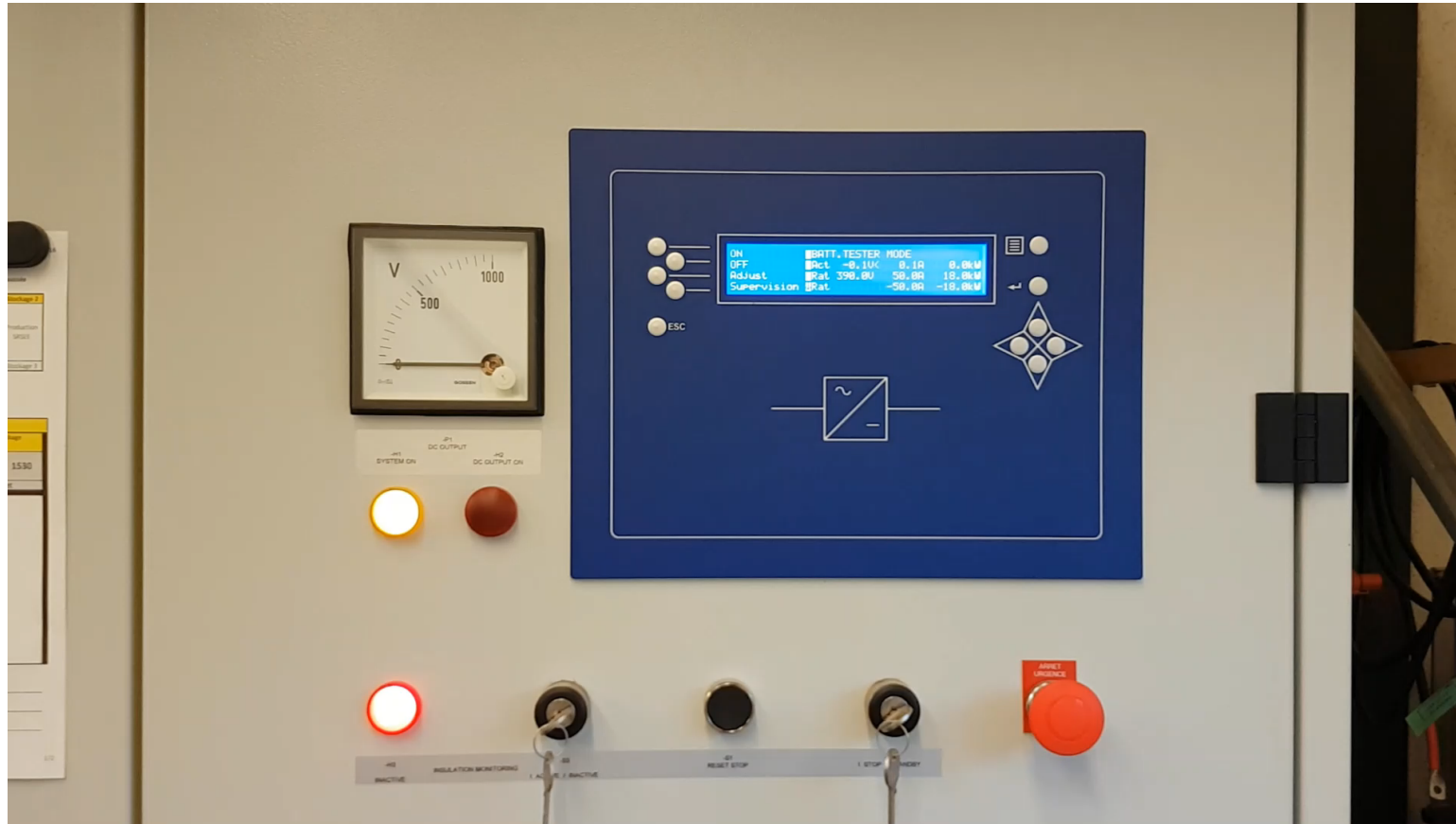


Basic Unit insulation test

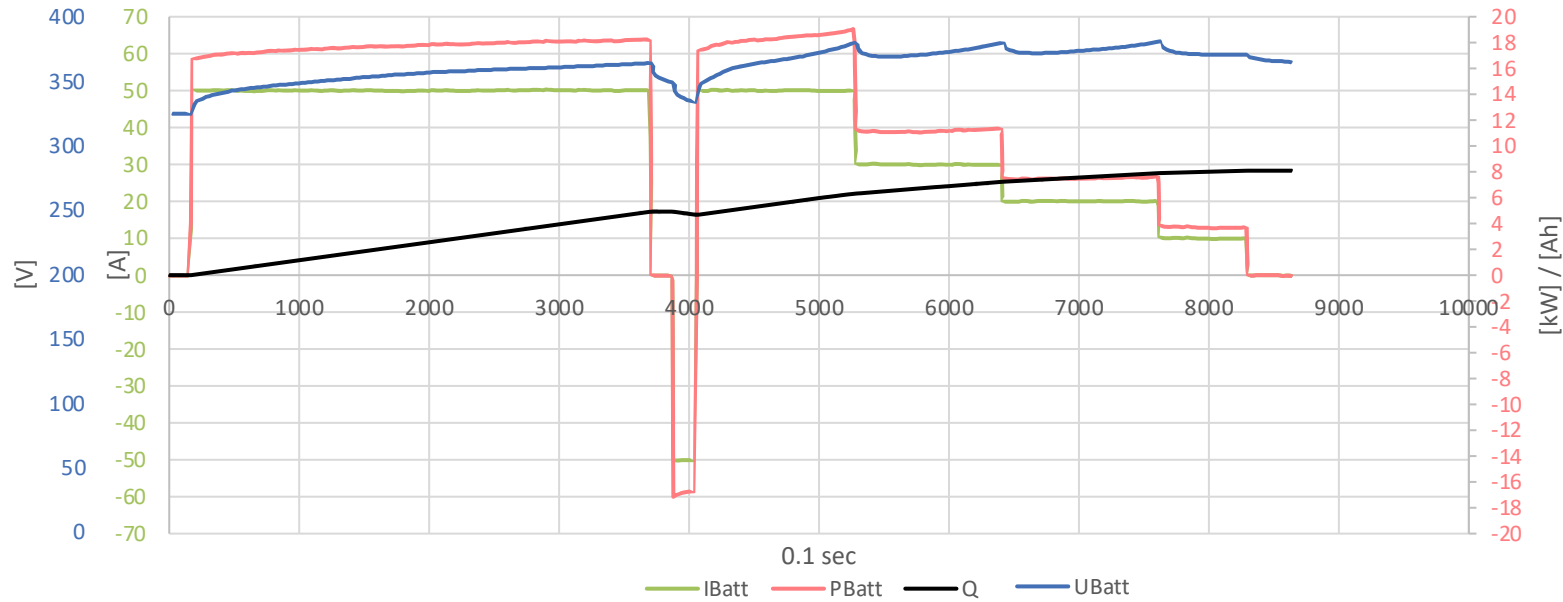


Insulation between signal
GND & power polarities

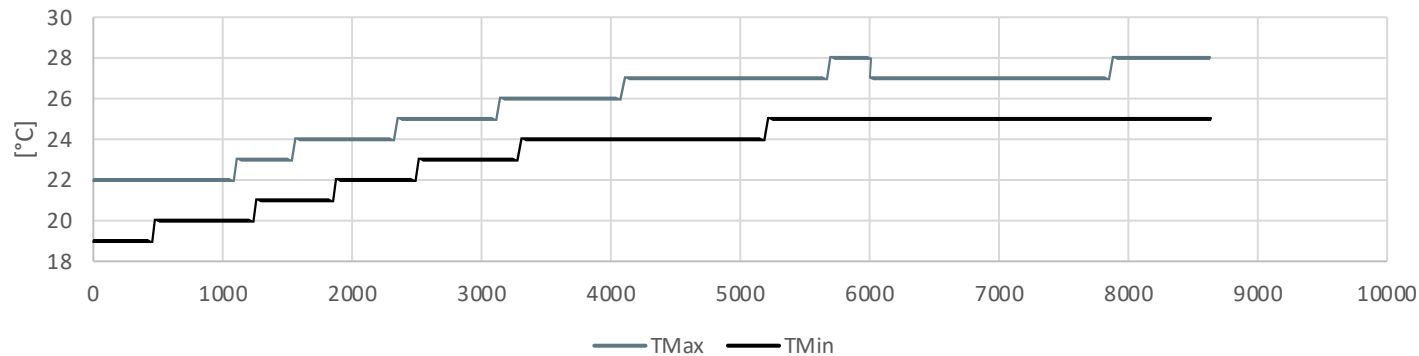
Basic Unit power test



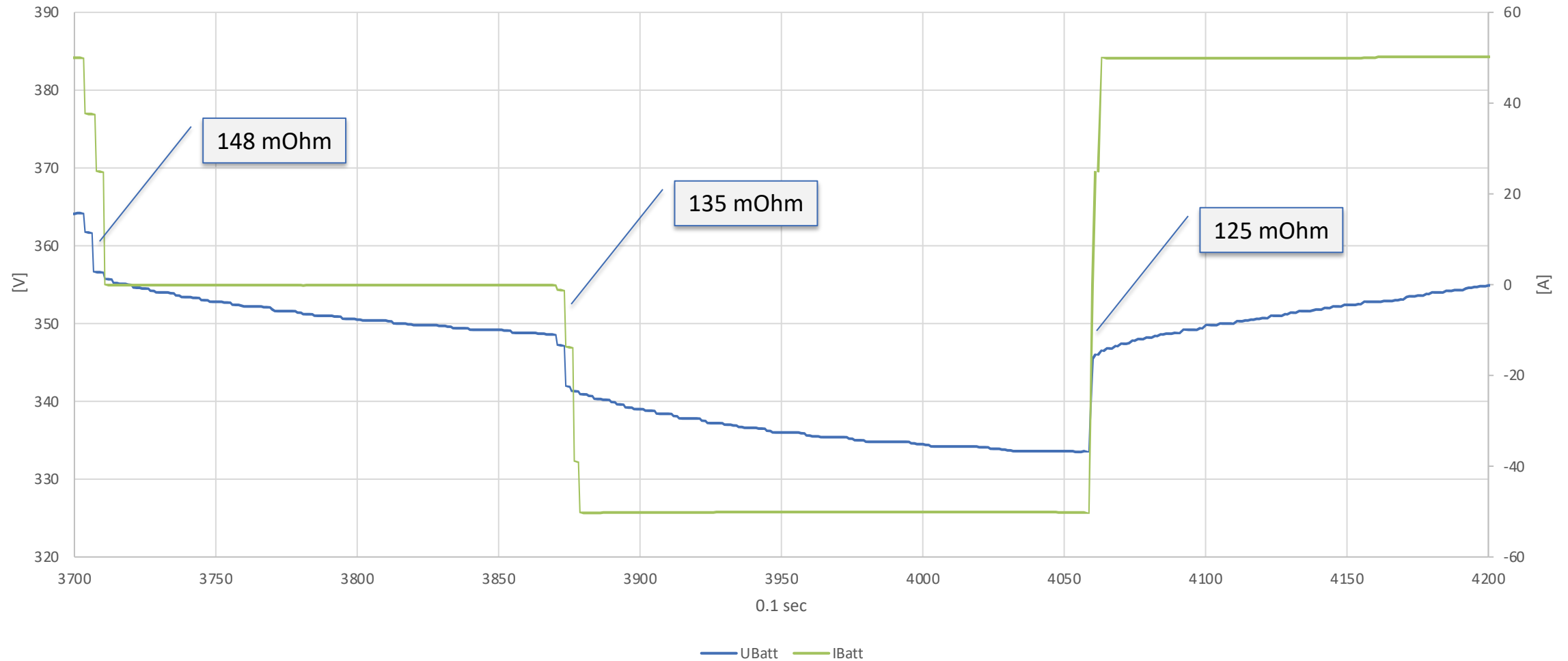
Basic Unit power test



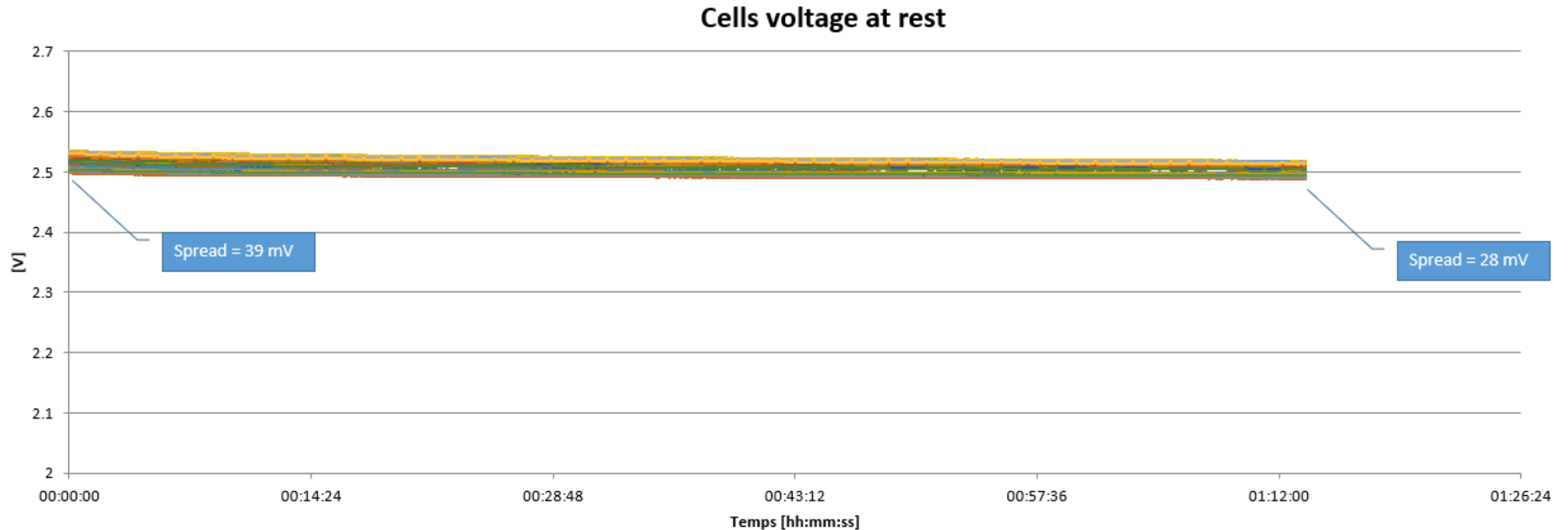
- First 2C charging + ESR Test
- No cooling
- Adiabatic conditions
- 35% capacity / 14 min test
- +6 °C temperature rise



Basic Unit ESR estimation



Basic Unit balancing (no charging current)



Thank you



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