

Design and Functional Benchmarking Full HV - Battery

- DBM Studies
- Digitization
- Crash Modeling
- CAD Modeling
- CO₂ Analysis
- Cost Analysis



Our HV Battery Benchmarking Modules

MODULE
A

- **DBM Study**

Disassembly
Dimensions
Weights

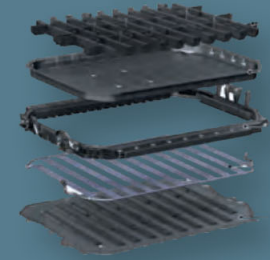
Material analysis case
Photo documentation

- **Crash**

Quasistatic testing:
GB/T31467.3
Pole impact

- **Digitization**

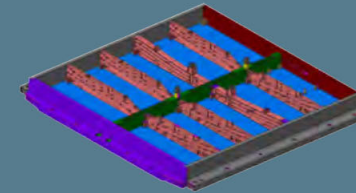
HV battery case
Battery modules



MODULE
B

- **CAD Modelling**

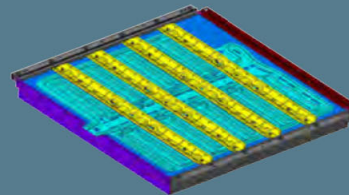
Different CAD formats available suitable for Catia, SolidWorks, Creo Parametric, Autodesk Inventor, Alias and Blender



MODULE
C

- **FE Modelling**

Accurate full-field meshing
including validation



- **Cost & CO₂ Analysis**

Holistic assessment with our E2P approach



MODULE
D

Choose your Benchmark!

MODULE

1

Mandatory

A
Module

Design & Functional
Benchmarking

B
Module

CAD Modelling

C
Module

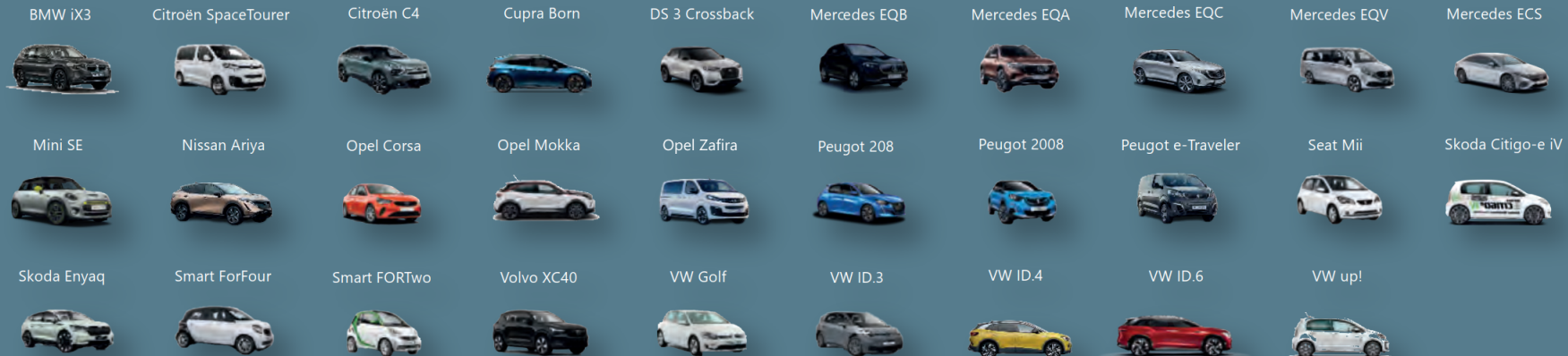
FE Modelling

D
Module

Cost & CO₂ Analysis

2

NOTE CAR



OPTION

3

1
Option
45.000 €

5
Module Data Packages
10
Points for Online Car Voting

2
Option
20.000 €

1
Module Data Package
3
Points for Online Car Voting

Full Battery Characterization on Demand

You are welcome to contact us for an individual solution for your demands in the field of Benchmarking. Please ask us for a full battery characterization including:

- Capacity at different current internal resistance
- Idle current
- Pulse power
- Peak power
- Charging/de-charging efficiency

Contact

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