



adaptfuture.

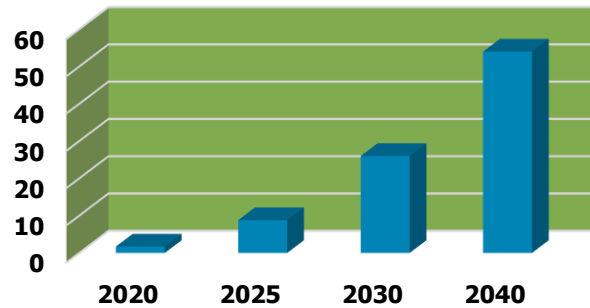
Disrupting Battery Training

Home of remote
competence
for sustainable mobility

The Problem

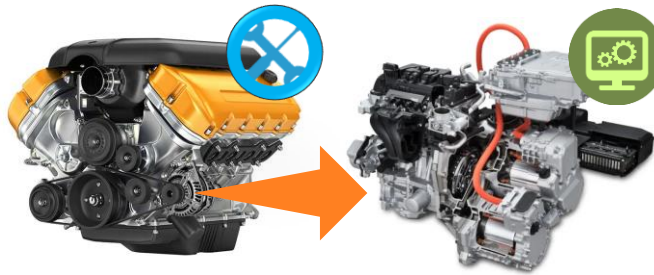
Everything is connected in the world of electromobility!

Million EV sold globally*



Rapid Technology Change

Fast Approaching electrification while aftermarket infrastructure is not in place yet. Workshops are not aligned.



Competence Change

The nature of competences needed is changing from mechanical and physical to electrical and software based.



Training is hard

As the use of electric vehicles continues to grow, technicians need to have the right training and certification to work on these complex and advanced systems.

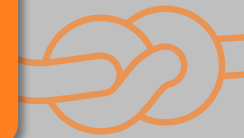


Training Enabler

A service with remote trainer and local simulation tool to enable EV system training and certification in a safe and accessible way

TVS-IOT

Entry Level –
EV Certification



OEM integration

Workshops Needs

To be able to provide EV services, every workshop must have secured competence to handle electricity.

Challenges

Electromobility training is not so available as wanted. It becomes expensive, exclusive and by that hard to obtain in time.

AdaptFuture Offerings

TVS is presenting a behavior as a full-scale battery, but without the hazard. The remote trainer leads and certify.

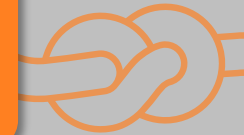


Training Simulator

A tool with hands-on experience and real-life scenarios. Equipped with the heart from TVS-IOT this RIG will provide everything a student need

TVS-RIG

Entry Level –
EV Certification



Simulation Tools

Schools Needs

The future of EV technicians starts in school. The practical part of education is hard to provide and keep safe.

Challenges

Electromobility training in a classroom is time consuming and challenging for a teacher. Realistic and safe is not the same.

AdaptFuture Offerings

TVS-RIG is presenting scenarios as a full-scale EV system, but without the hazard.



on Tools

Battery Simulator

A tool with hands-on experience and real-life scenarios. Heart from TVS-IOTBAT this TVS-BAT will provide everything a student need

Schools Needs

The future of EV technicians starts in school. The practical part of education is hard to provide and keep safe.

Challenges

Battery training in a classroom is time consuming and challenging for a teacher. Realistic and safe is not the same.

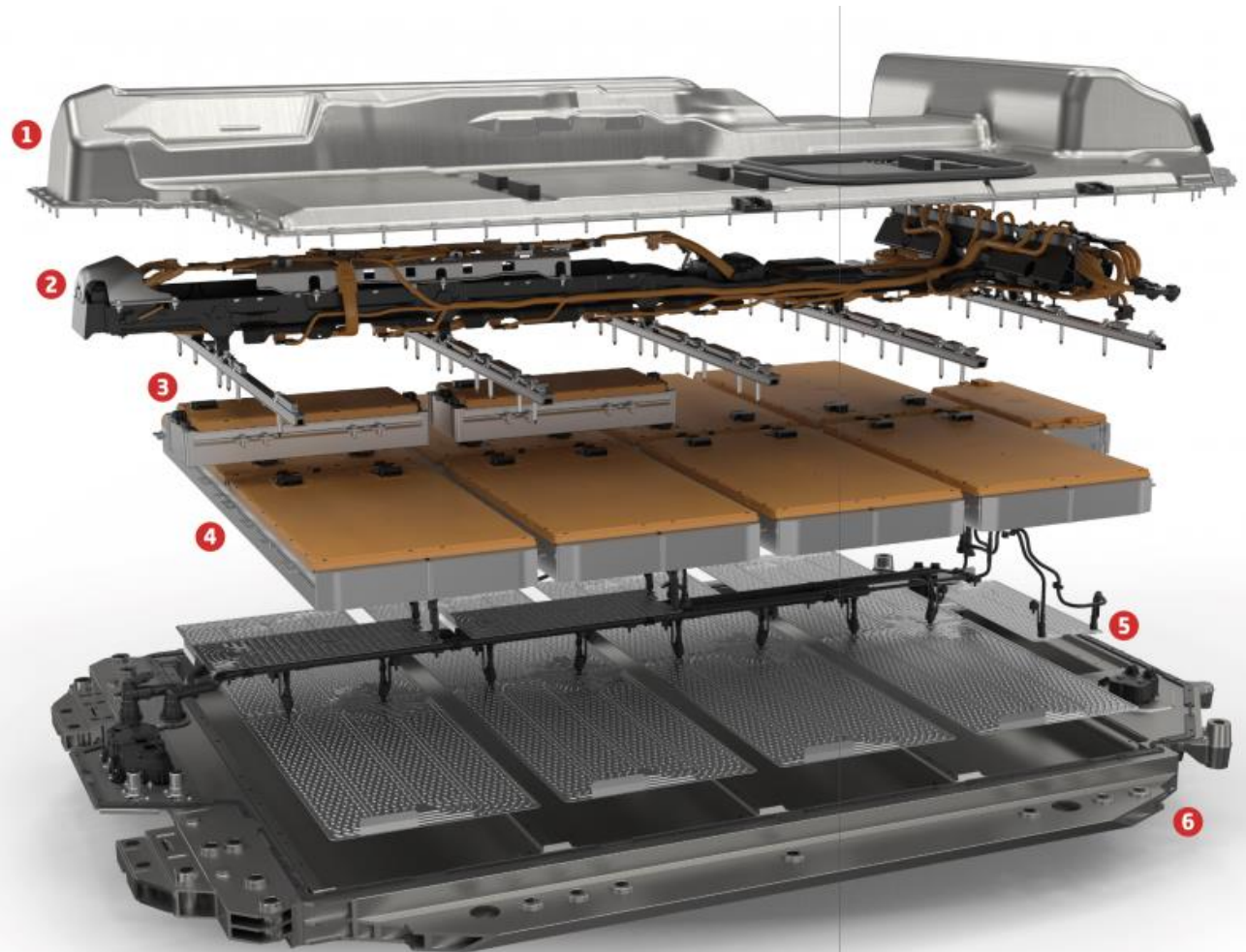
AdaptFuture Offerings

TVS-BAT is presenting scenarios as a full-scale EV battery, but without the hazard.

How to build the battery

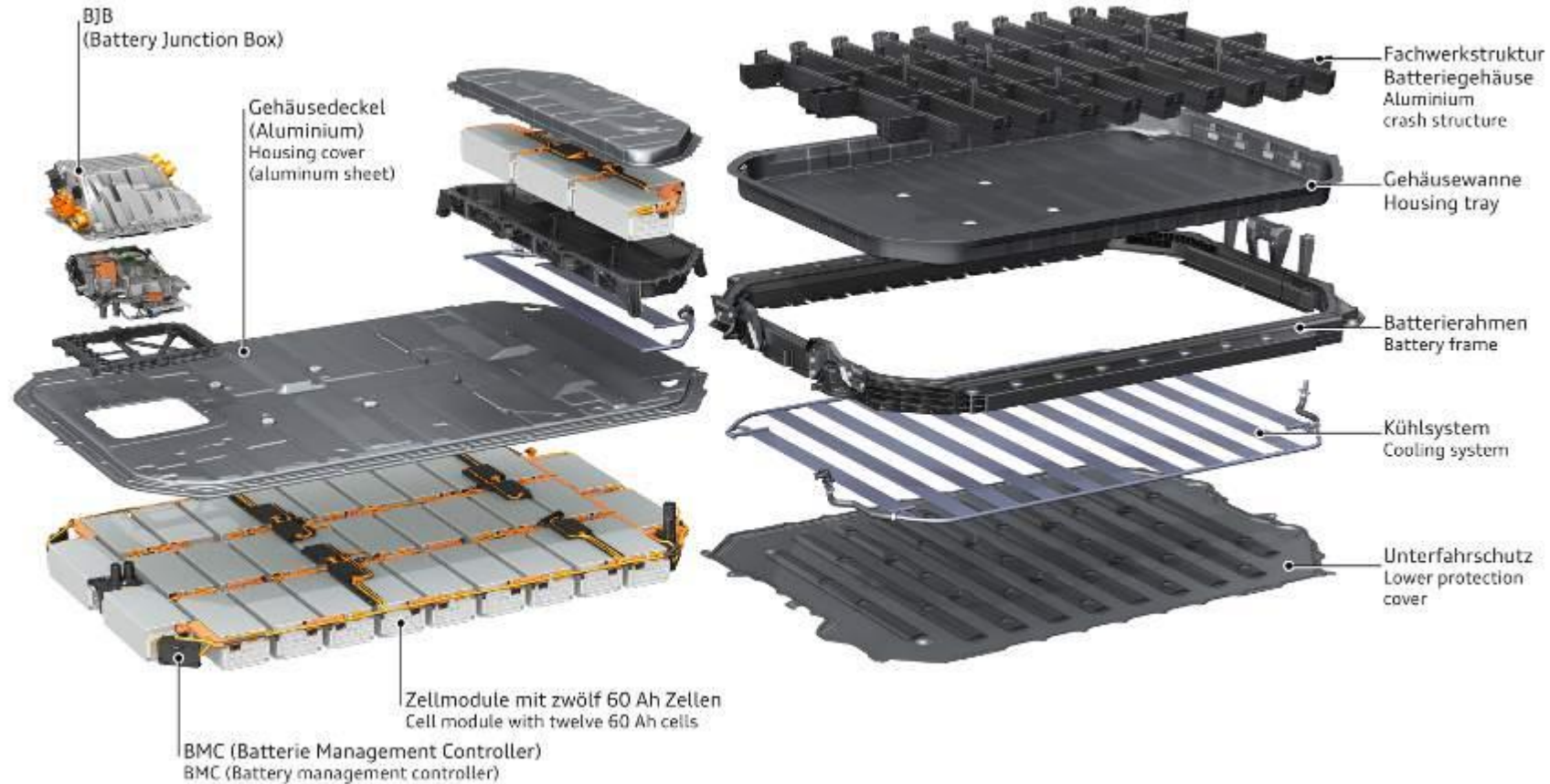
Structure of the electric car battery.

1. Protective plate against the cabin.
2. Control electronics and cables to the battery modules.
3. Battery cells standing upright like slices of crispbread in a mini module.
4. Four larger battery modules.
5. Parts of the cooling system. The silver-colored plates at the bottom of the battery modules are heat sinks.
6. The modules are mounted in a "tray." A thick plate at the bottom protects the batteries.



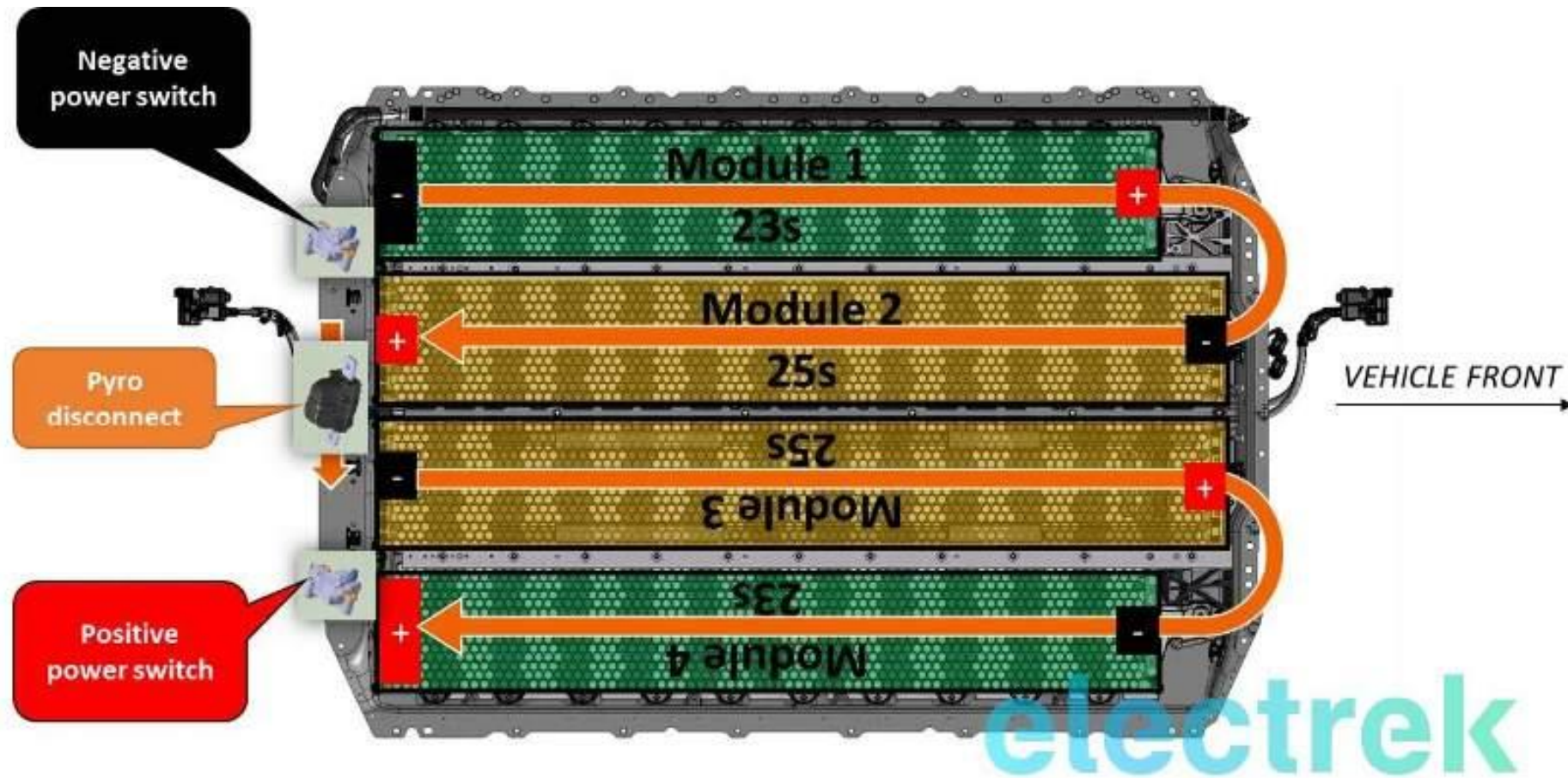
<https://www.vibilagare.se/guide/allt-du-behover-veta-om-elbilar-laddning-batteri-och-teknik>

Structure of the electric car battery



<https://teslclubsweden.se/audi-e-tron-batteripack/>

Structure of the electric car battery



<https://teslclubsweden.se/tesla-model-3-batteripack/>