

Burning car at a Fastned charging station in Beilen

On 23 November 2023, an Audi A4 e-tron is charging at a charger of the Fastned charging station. With the driver inside the vehicle, after about 20 minutes at the charger, a bang is heard from underneath the car, after which smoke and fire develop.

The fire has spread to the charging station. See the attached series of photos for a picture of the situation.

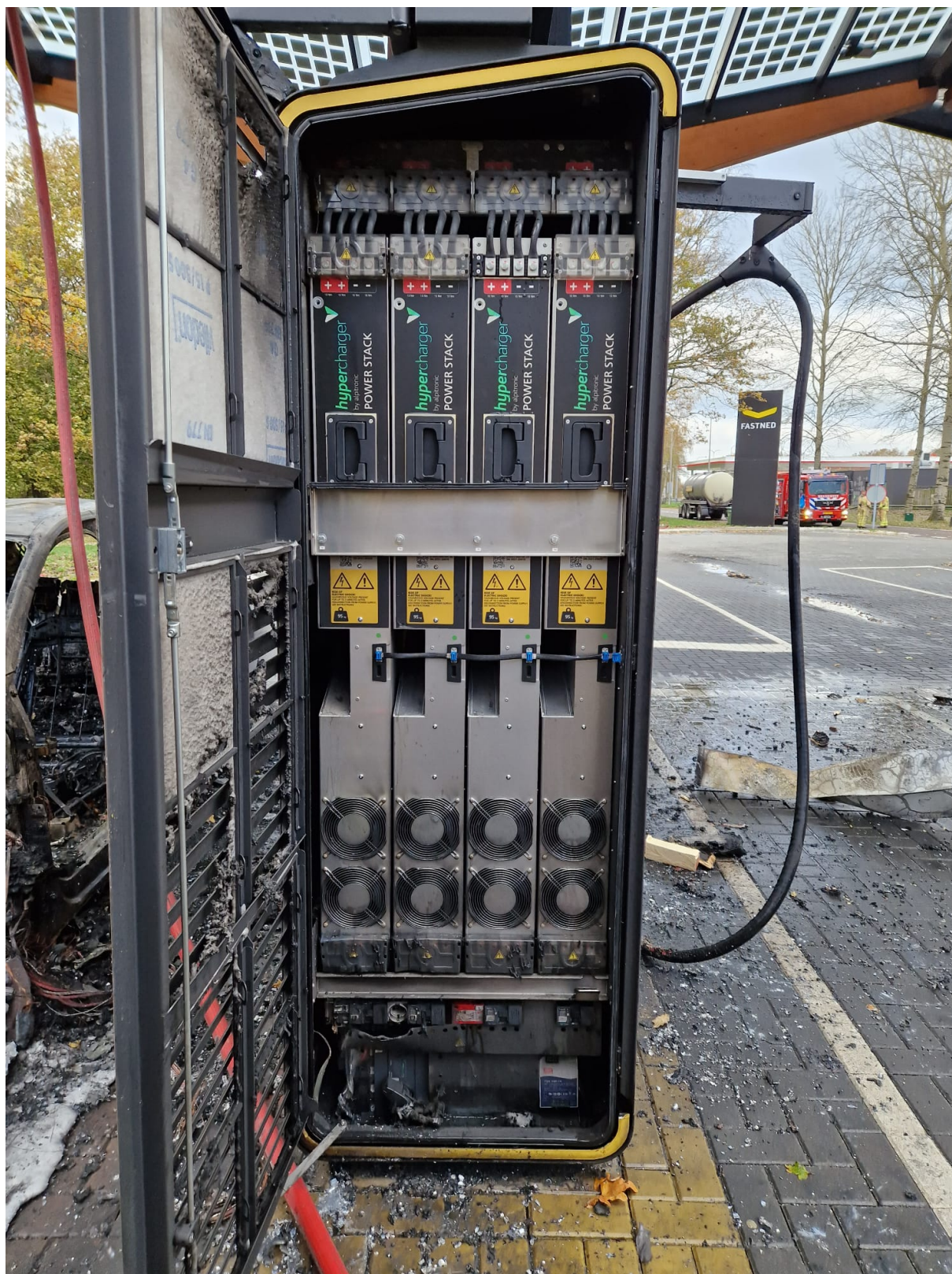
You and your unit have been dispatched to deal with this incident. Describe your points of attention and the risks involved in this incident. What challenges do you face, what do you reconnoitre for, what additional equipment or expertise do you need, and through which company or agency do you get people to come to the incident?

Which vehicles or units do you need?

























Case debrief: fire at the Fastned station in Beilen on 23 November 2023

Isolating the chargers

- Little was left of the cabinet itself. The risk was that the charger was still live.
- This could only be done by Enexis; the station operator also had no emergency stop or similar available
- The chargers were isolated via the transformer on site > grid operator / operator Fastned

Tactics

- Car was more or less allowed to burn out, with the attack focused on the canopy.
- Extinguished with spray foam
- Keep a safe distance because of exploding vehicle parts

Aftercare

- The Audi's battery appeared stable after the fire; the assumption was that all cells had burned out, so the fuel was consumed > have the recovery company remove the vehicle in a water container
- Canopy structure > municipal building inspection (BoWoTo)
- Handover of the charging station to the operator/owner, cordoned off with construction fencing > Fastned