

# Filmhybrid 30/60

Converters in the film & media industry

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**DAVID WUEST**

# INTRODUCTION TO THE MOVIE INDUSTRIE AND THERE REQUIREMENTS

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# THE REQUIREMENTS

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- 110kWh capacity
  - 60kW total load on 3 phase
    - drivable with an EU B - License
      - Range extender, to give the user a peace of mind

# CHALLENGES WE FACED

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# CHALLENGES

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- High switch-on currents
- Poorly interference suppressed leading edge and trailing edge dimmers
- Fast switching ohmic heating elements with up to 9kW
- Large quantity of switching power supplies



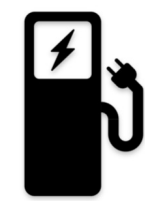
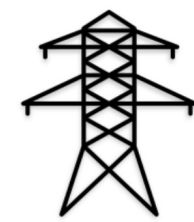
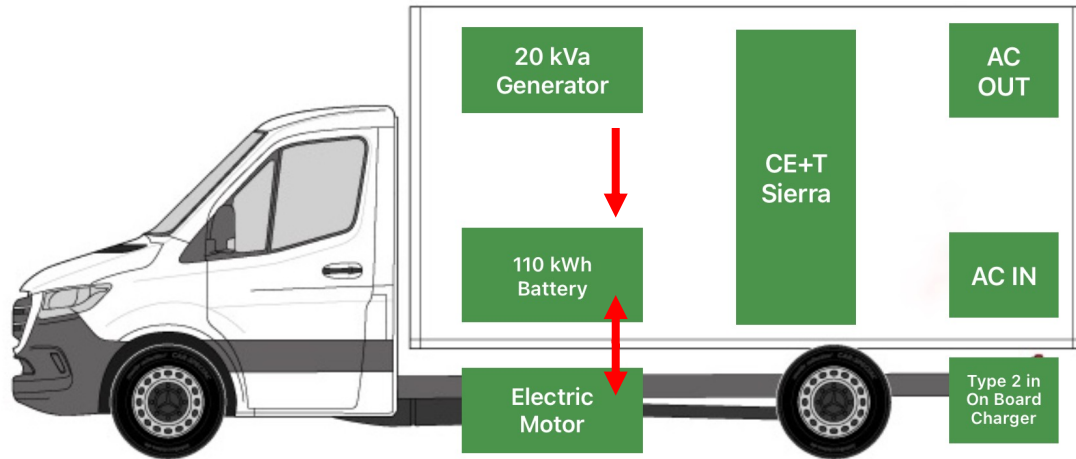


# OUR CHOICE: THE CE+T SIERRA SERIES

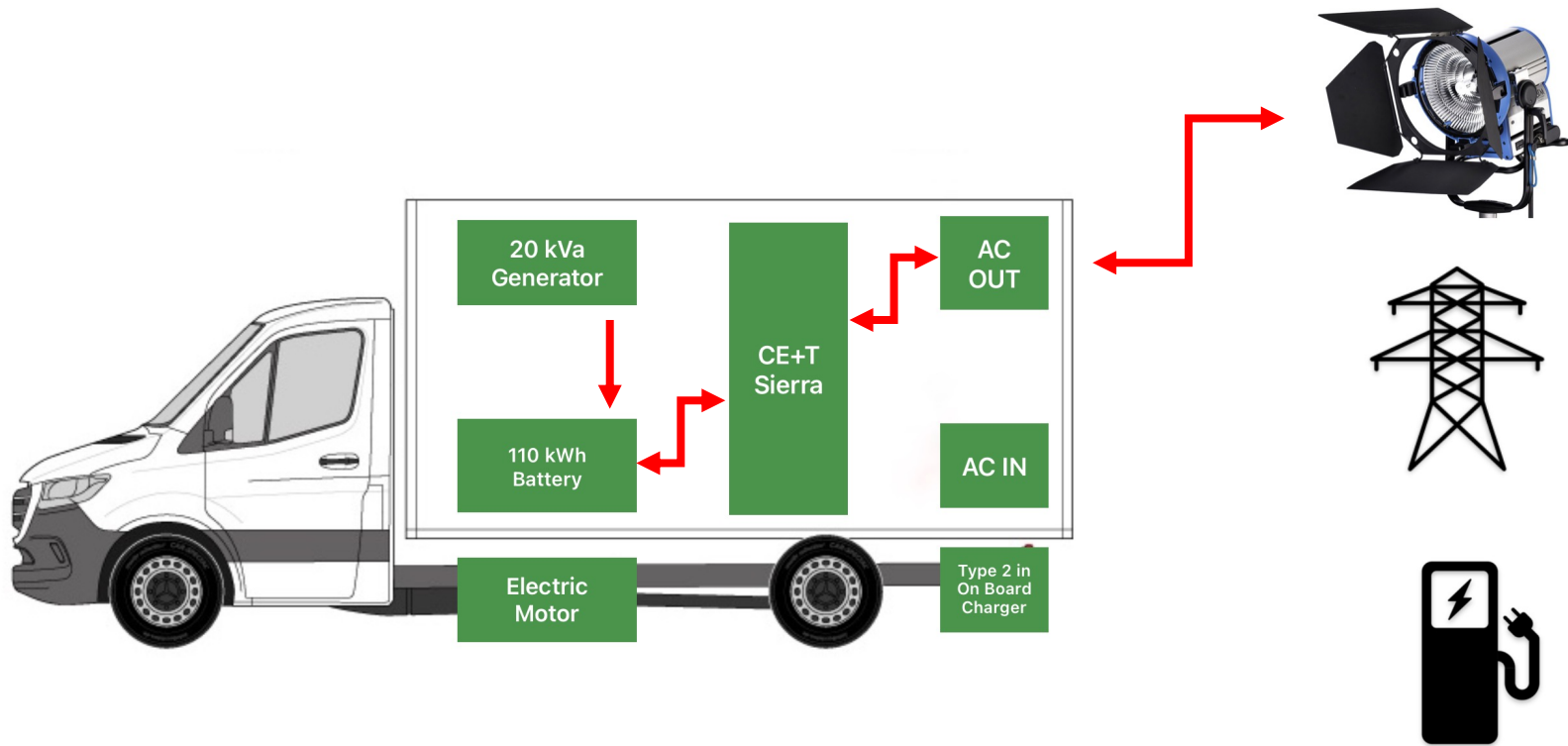
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# TECHNICAL DETAILS OF THE SYSTEM

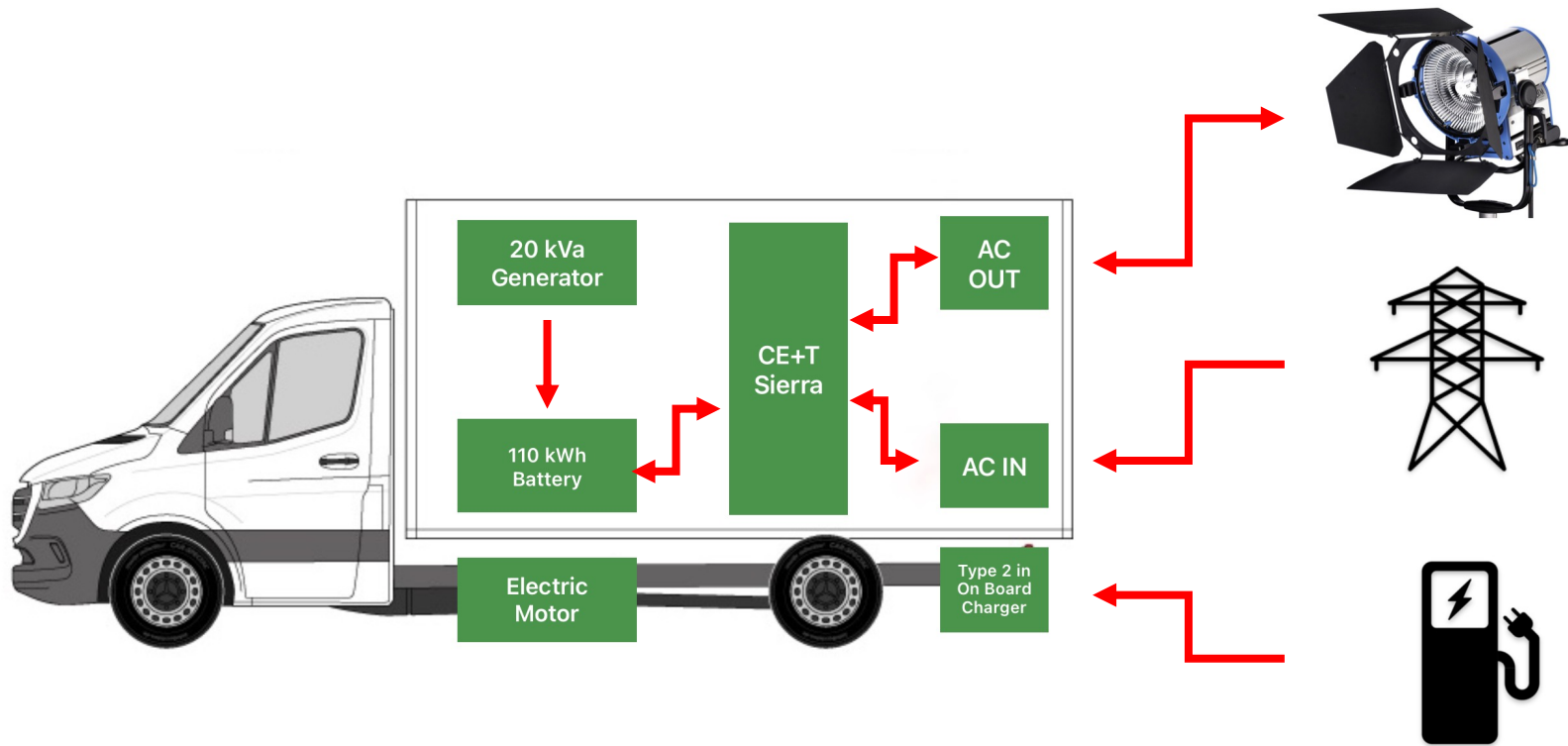
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Plugged Mode



Standalone, not connected to the grid



Connected to the grid









Thank you  
for your attention

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