Averna

Efficient High-Power

EVSE TESTING

- V2G Communication Simulation:
  - CHAdeMO
  - CCS (Combined Charging System) 1,2
  - NACS
- Supported Protocols:
  - DIN 70121 / ISO 15118
  - IEC 61851-1 / SAE J1772

- Maximum Energy Regeneration
- EV Battery Simulation
- Ideal for Validation & Production
- Incremental High-Power Test up to Extreme Levels Beyond 600 kW

Environmentally-Friendly Automated Solutions

to meet a *Range of Requirements*

High-Level Features:

- Electric Vehicle Battery Simulation
- Move from Validation into Production
- Customizable and Flexible Test Application
- AC/DC Regenerative Load
- Fault Injection in CP and PP States
- Automated Conformance Testing
- Measurements and Data Logging including:
  - Supply Voltage/Current
  - Charge Voltage/Current
  - Ground Current/Hipot
- Live Views of:
  - Recorded Voltage & Current
  - Charging Processes & Sessions

Averna EV-EVSE Simulator

Revolutionize EV testing with our cutting-edge EV tester. Designed to perfection, it supports CCS1 and CCS2 standards, offering live monitoring, advanced graphing of voltage, current, and SoC. Seamlessly switch between manual and automated testing via the user-friendly UI and remote API. Take total control with parameter customization for realistic simulations, while V2G monitoring and communication sniffing ensure optimal performance and troubleshooting.

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