EVSE Burn-In ATS

Electric Vehicle Supply Equipment Burn-In ATS

Tests up to 10 Chargers with Just 1 AC Source

QR Code

Product Info.

Product Video

The EVSE Burn-In ATS is specifically designed to conduct burn-in and temperature rise tests on multiple EV chargers. This system could test multiple single-phase and three-phase EV chargers, significantly boosting testing efficiency. The system's core functionality is to ensure product adherence to international charging standards, including SAE J1772, IEC 62196, GB/T 20234, and NACS.

Beyond production lines, the Preen EVSE Burn-In ATS proves valuable in research and development by facilitating performance evaluation of new EV charger designs. This comprehensive testing approach guarantees the reliability and stability of EV chargers.

Product Features

- Complied with national regulations: SAE J1772, IEC 62196-2, GB/T 20234.2, and NACS.
- Through series connection, users could test multiple chargers at once, which reduces power consumption.
- Customized test items to meet various testing requirements.
- Data monitoring and adjusting for each charger.
- Abnormal charger bypass for stable system operation.

Key Advantages

The EVSE Burn-In ATS simulates the charging process of EV chargers for long-duration, high-load burn-in tests, validating reliability, durability, and compliance with international standards. The system features a flexible structure that allows customers to customize equipment, instruments, meter settings, test recording, and report exporting.

01 Flexible System Configuration

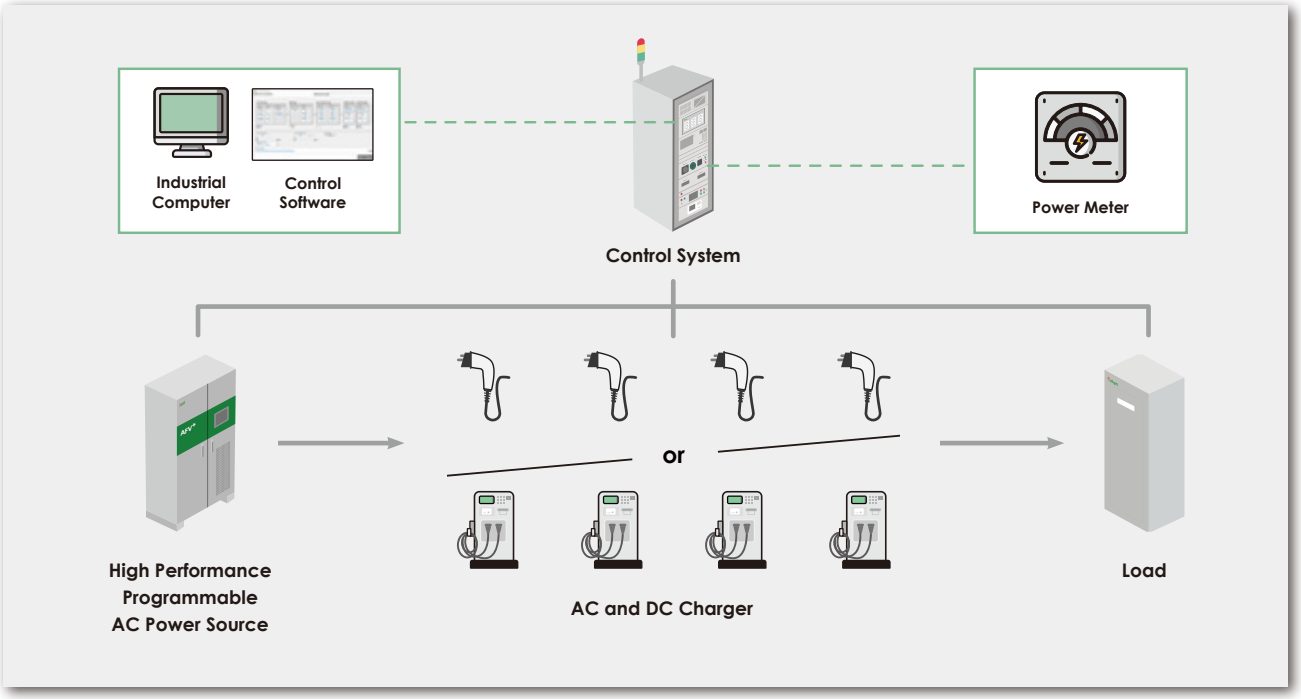
02 Complied with National Regulations

03 Test Automation

04 Intuitive Control Software

Structure of EVSE Burn-In ATS

The EVSE Burn-In ATS simulates various charging scenarios to conduct thorough burn-in and temperature rise tests on EV chargers, including tests for current capacity. During the current capacity test, the charger undergoes precise evaluation to ensure stability and performance under different current loads. Through these simulations, the system could comprehensively test the durability and reliability of chargers, ensuring product's stability before they reach the market.



Intuitive Software Platform

Preen's EVSE Burn-In ATS testing software is tailored for EV charger burn-in tests. Featuring a flexible design structure, this system is suitable for diverse testing requirements. The software could accurately simulate various EV charging scenarios, conduct automated burn-in tests, monitor parameters, and effortlessly store data. It efficiently generates detailed test reports, each corresponding to the barcode of the respective charger.