

Power HIL

The Next Generation Test Bench System

Power HIL combines a high-performance power source with Hardware-in-the-Loop (HIL) technology to create a new test bench system for EV development. The virtual vehicle environment created by Power HIL perfectly replicates that of a real vehicle for testing.

Key Capabilities:

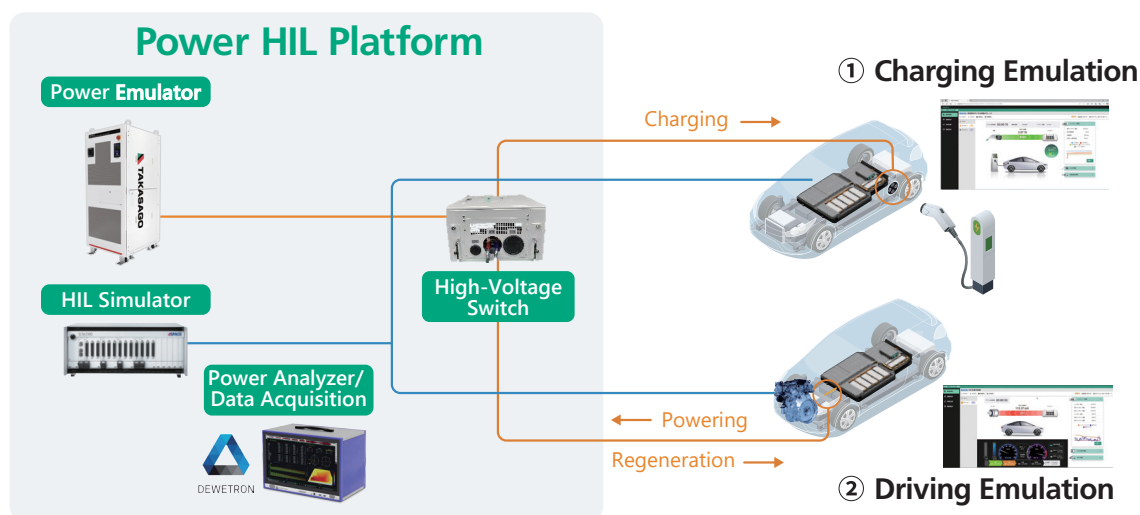
• Charging Simulation Tests

Control the power emulator using charger models to simulate the power behavior and communication protocols (CHAdeMO, CCS, NACS, etc.) of a fast charger.

• Driving Simulation Tests

Reproduce inverter/motor power behavior according to the selected driving mode, including WLTC, as well as a wide range of driving conditions.

With Anritsu's integrated control of HIL, the power source, and power analyzer/DAQ, we offer a one-stop testing environment that accelerates development and enhances quality. From the early stages of development, engineers can perform battery evaluations in an environment that emulates that of a real vehicle, reducing development time and improving reliability.



For Power HIL solution, please contact us: an-post@zz.anritsu.co.jp