



Test Everything from the Vehicle to the Grid

Innovate the way you test, increase productivity, and reduce test schedules with Pacific Power Source's safe, flexible, scalable, and sustainable solutions. Our test solutions offer best in class performance, intelligence, and ease of use.

EV Test Solutions across R&D, Production, Depot, and Repair

Regenerative Test Solutions



- AC/DC Sources & Loads
- Grid Simulators
- Bidirectional DC Sources
- Battery Test Systems, Emulators
- Systems Solutions with Key Integration Partners



EV Batteries, Motor Drives



EV Charging, OBC, EVSEs



V2G, Energy Storage



EVs, Mid to Heavy Duty E-Trucks, Commercial



School Buses, Public Transportation



Depots, Fleets



Modular, Scalable Power

- Right-sized power, add more power later
- Modular configurations for ultimate flexibility
- Redundancy optimizes uptime



Widest Operating Envelope

- Constant Power offers seamless testing over low and high-voltage ranges without power interruption
- Dual operating range (AZX/GSZ/ELZ Series)



Highest Current Availability

- Extra current at lower voltage
- No over or under-sizing the power source
- Reduce the need for additional capital



Breakthrough Mixed Modes

- Industry's Most Flexible Mixed Modes with 6 Form Configurations
- Test AC & DC simultaneously
 - in Source or Load Mode
 - AND in Single or Three-Phase



Clean Design & Built-in Safety

- Built-in galvanic isolation
- Safety protection limits
- Simplified set up saves time



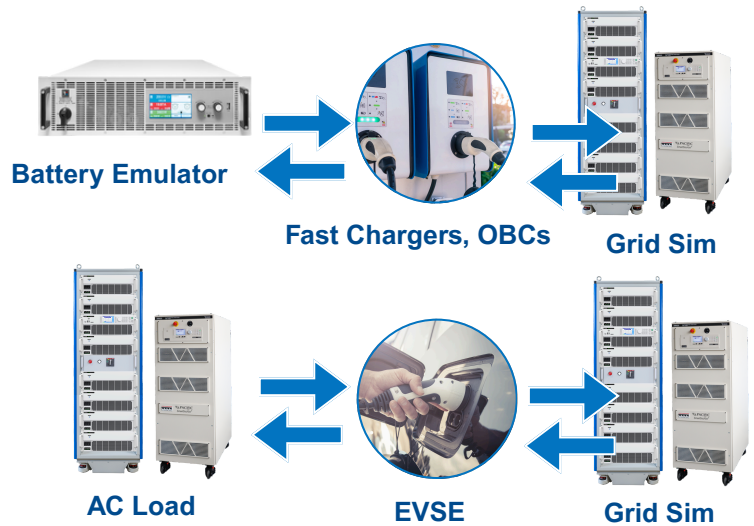
Smart Control with SmartSource Suite

- Full remote control in real-time
- Access on any browser
- Easily create, modify, and run tests

EV Charging, OBC, EVSE Testing

Regenerative Grid Simulators and Battery Emulators are ideal for charging applications to emulate the utility grid or high power batteries, safely. Test to EV and grid-compliance standards.

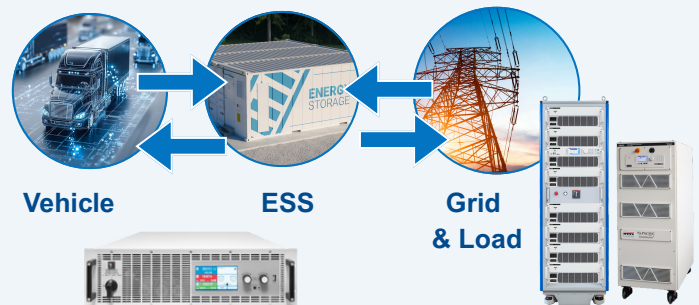
- AGX/RGS Series: Grid Sim up to 756kVA
- AZX/GSZ Series: Grid Sim up to 1.1MVA
- Bidirectional DC Power Supplies: EA PSB10000 or PSB20000 up to 1.92MW
- Regenerative DC Loads: EA ELR Series up to 3.84MW



AC Grid, V2G, V2X, ESS Testing

Regenerative Grid Simulators and loads are ideal for testing grid - connected products, simulating power to and from the utility grid.

- All-in-1 AC/DC Power Source: AGX/AZX Series up to 1.1MVA OR Regenerative Grid Simulator: RGS/GSZ Series up to 1.1MVA
- Regen AC Loads: RLS or ELZ Series up to 1.1MVA
- Bidirectional DC Power Supplies: EA PSB10000 or PSB20000 up to 1.92MW

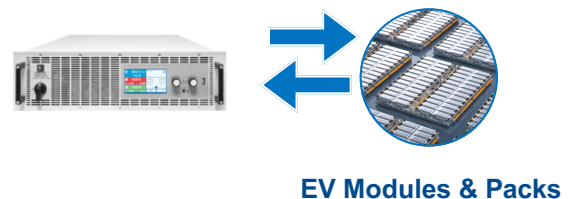


Battery Test & Battery Emulation

Testing battery modules and packs require advanced bidirectional dc power sources. Applications include drive cycle, life cycle, performance, charge/discharge, BMS development, etc.

Bidirectional DC Power Supplies, Battery Test Systems

- EA PSB 10000 Series up to 1.92MW
- EA PSB 20000 Series up to 1.92MW
- EA BT Series up to 1.92MW



Motor Drive Testing

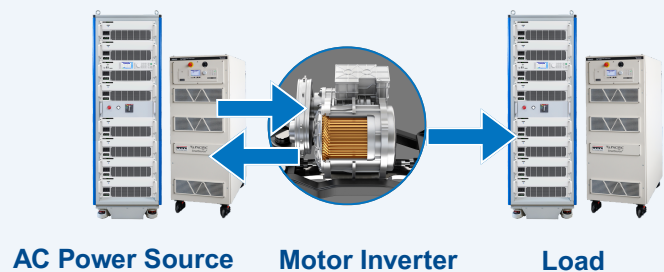
Regenerative, bidirectional AC and DC power sources are ideal for testing motor drives, managing back-EMF safely.

Bidirectional AC/DC Power Sources

- AGX/RGS Series: 21kVA per chassis scaled up to 756kVA
- AZX/GSZ Series: 55kVA per cabinet scaled up to 1.1MVA

Regen AC/DC Load

- RLS Series: 21kVA per chassis scaled up to 756kVA
- ELZ Series: 55kVA per cabinet scaled up to 1.1MVA



EMC Compliance Testing

Test to EMC pre- or full-compliance standards. Harmonics & Flicker and Immunity test systems provide a comprehensive solution with an AC Power Source integrated into a single solution.

- ECTS2 EMC Test Systems
- Immunity Test Systems

