



Industry Leading Aerospace & Defense Power Test Solutions Since 1971.

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.

Applications

- AC motors or inductive loads
- Power converters, power generators
- PDUs, auxiliary power
- EMC Immunity Testing
- AC, DC, AC + DC systems solutions available



Commercial



Military, Defense



e-VTOL



Drones



Ground Support



Space, Satellites



Wide Frequency Range

Output frequency range from 15Hz to 1000Hz (std) or 3000Hz (option) provides flexibility to address different applications.



Constant Power, Extra Current

Seamless testing over a wide voltage range without power interruption. Extra current at lower voltage.



Programming Capability

Multiple control options, intuitive user interface, powerful waveform tools, and simplified set-up saves time.



Pre-Written Avionics Test Standards

Pre-written standards test sequences for avionics testing saves time and increases productivity. Includes comprehensive documentation and reporting tools.



Smart Design & Safety

Built-in galvanic isolation and protection limits. Continuous self-calibration. Compact and mobile-friendly cabinets.



SmartSource Suite Control

Embedded web browser based remote control platform to easily create, modify, and run test programs.



Founded in 1971, Pacific Power Source is an industry leading manufacturer of AC and DC power test solutions.

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Charger & Power Generation

High-Frequency AC/DC Power Sources and Battery Emulators are ideal for charging applications to emulate the utility grid or high-power batteries, safely. Test to avionics & MIL compliance standards.

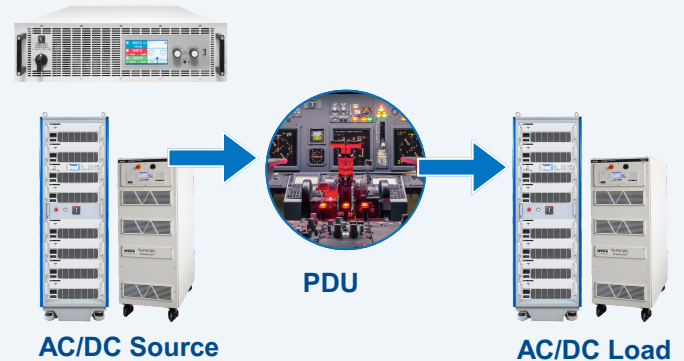
- High Power Density Regenerative AC/DC Power Source (AGX/AZX Series) 6kVA up to 1.296MVA
- DC emulation: 1.5kW up to 3.84MW



Power Distribution Systems

AC-DC, DC-DC products for testing auxiliary loads, switches, electric actuators, and PDUs. Safely test PDUs which route multiple high power sources and loads.

- RegenAC/DC Power Source: AGX/AZX Series 6kVA up to 1.296MVA
- AC & DC Power Source: AFX Series 4.5kVA up to 180kVA
- Regen AC Loads: RLS or ELZ Series 6kVA up to 1.296MVA
- Bidirectional DC Power Supplies: PPST EA PUB/PSB Series 1.5kW up to 3.84MW
- Regen DC Loads: PPST EA ELR Series 1.5kVA up to 3.84MW

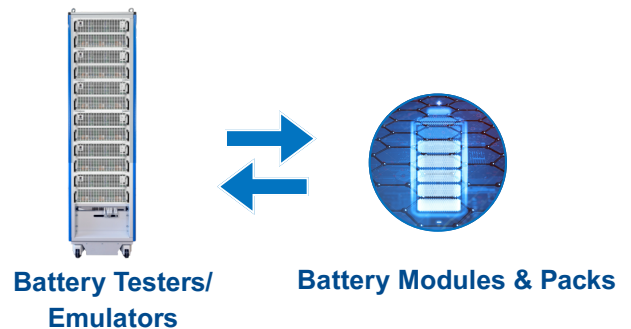


Battery Test & Battery Emulation

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

Battery Testers, Battery Emulators

- PPST EA BT 20000 / PUB 10000 Series
 - Scalable 1.5kW up to 3.84MW
 - from 10V to 3000V



Testing Motor Drive Systems

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

Bidirectional AC/DC Power Sources

- AGX/AZX Series: 6kVA per chassis scaled up to 1.296MVA



EMC Harmonics, Flicker, Immunity Testing

Immunity test systems provide a comprehensive solution with an AC Power Source integrated into a single solution.

- SmartTS-HFI Harmonics, Flicker, Immunity Test System
- Immunity Test Systems
- Test to compliance standards such as MIL-STD-704, MIL-STD-1275, MIL-STD-1399, RTCA-DO160, Airbus and Boeing, etc.

