



Industry Leading Aerospace 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.



Commercial



Military, Defense



e-VTOL



Drones



Ground Support



Space, Satellites

Applications

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



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.

✉ sales@pacificpower.com

☎ +1-949-251-1800

🌐 www.pacificpower.com

AGX Series High Power Density All-in-1

Compact AC & DC Power Source

This 'All-in-One' 4-quadrant test solution can address a wide range of applications and markets. It can serve as a fully programmable AC/DC power source, current source, and load.

- 350Vac L-N/606Vac L-L or ± 500 Vdc
- Single, Split, and Three-Phase
- High Frequency: 15-1200Hz; Extended Range 1-3000Hz
- AC, DC, AC+DC
- Current Source Mode
- Inter-harmonics & Load Options

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datasheet



6 to 756kVA / kW
up to 21kVA / kW in 4U Chassis

Parallel up to 189kVA/kW per cabinet
Dual cabinets up to 252kVA/kW

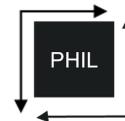
Three-Phase High Power Systems
available **up to 756kVA / kW**

AZX Series All-in-1 AC & DC Power Source, Current Source, Load, + PHIL Included

This 'All-in-One' highest performance platform up to 1.1MVA / MW, is a 4-quadrant test solution that can address a wide range of applications and markets. It can serve as a fully programmable AC/DC power source, current source, load, and PHIL amplifier.

- Single, Split, and Three-Phase
- Constant Power Dual Voltage Range:
 - 0~240Vac L-N/0~415Vac L-L and 0~340Vdc
 - 0~480Vac L-N/0~830Vac L-L and 0~680Vdc
- High Frequency: 15-1000Hz; Extended Mode 1-10,000Hz
- AC, DC, AC+DC
- Current Source Mode
- AC/DC Load Mode
- Inter-harmonics Option
- Optimized for PHIL

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30 to 1.1MVA / MW
30, 45, 55kVA/kW per cabinet
Parallel up to 550kVA/kW

Three-Phase High Power Systems
available **up to 1.1MVA / MW**

AFX Series AC & DC Power Source

Discover one of our top sellers for high-frequency power sources. Scale power up to 180kW with AC, DC, AC +DC output configurations. 85% energy efficient, dynamic, and cost-effective. Ideal for testing aerospace applications.

- Voltage: 0 up to 333Vac L-N/576Vac L-L or 425Vdc
- High Frequency: 15-1000Hz; Extended Range 1-3000Hz
- AC, DC, AC+DC
- Inter-harmonics Option
- **For 400Hz avionics facility power applications refer to the ADF Series economy AC Power Source**

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6 to 180kVA / kW

15kVA in 4U

Parallel up to 90kVA/kW per cabinet
Single, Split, and Three-Phase

LMX Series Linear AC Power Source

The high bandwidth of the linear amplifiers provides optimum harmonics generation and high-frequency small signal support for modulation and distortion generation tests.

- Voltage: 0 up to 600VAC; Transformer Option
- Very High Frequency: 15-5000Hz
- Low-Distortion, High Fidelity Output Waveforms
- Reproduce Oscillating Waveforms with Very Small Bandwidth

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500VA to 30kVA / kW

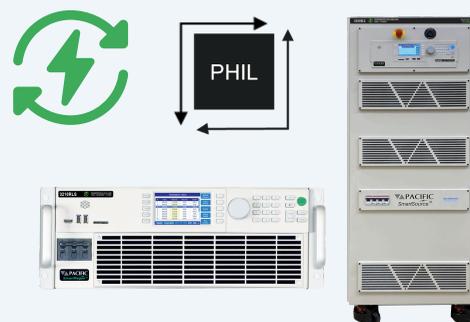
Single, Split, and Three-Phase

RLS or ELZ Series AC & DC Electronic Load

Regenerative 4-quadrant load capability to simulate any linear or non-linear loads. AC and DC emulation modes include Constant Current (CC), Constant Resistance (CR), Constant Power (CP). Circuit Emulation (CE) available on ELZ Series.

- 15-1200Hz; 1-15Hz Mode (RLS Series)
- 15-1000Hz; 1-10,000Hz Mode (ELZ Series)
- AC, DC
- Inter-harmonics Option

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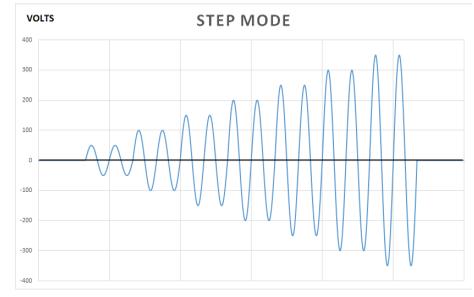
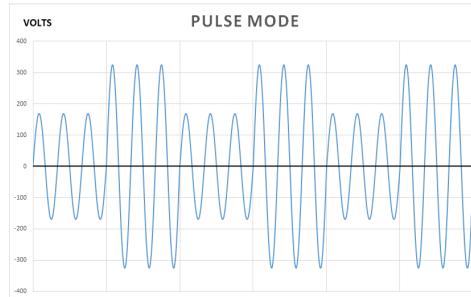


6 to 1.1MVA / MW

Single, Split, and Three-Phase

Three-Phase High Power Systems up to 1.1MVA / MW

Powerful Programming & Measurement Capability



- Precise Output Voltage and Load Regulation
- Metering of Volts, RMS Current, Peak Current, Apparent Power & True Power on All Phases
- Harmonic Measurements
- Built-in Scope and Digitizer
- Phase Angle, Output Transient Programming
- Sine, Square, Triangle, Clipped Sine,
- Over 200+ User-Defined Arbitrary Waveforms
- Programmable Output Impedance
- Pre-written test standard sequence options

Pre-Written Avionic Standards Test Sequences

Easily test to Avionics Standards with pre-written sequences and full documentation and reporting capabilities included.

Tests can be customized and saved. Execute sequences using our **SmartSource Suite** remote web browser control.

Examples:

- ABD0100.1.8 - Airbus A380, AC & DC Power Groups
- ABD0100.1.8.1 - Airbus A350, AC & DC Power Groups
- AMD24C - Airbus A400M, AC & DC Power Groups
- Boeing 787B3-0147 - B787, AC & DC Power Groups
- MIL-STD704 - US DoD, AC & DC Power Groups
- MIL-STD1275E - US DoD, DC Power Groups
- RTCA-DO160 Section 16, AC & DC Power Groups

Multiple Control Options

Easily control and operate our power units with intuitive, user-friendly control options.

- Touch-Screen Visual Panel
- Intuitive Menu and Soft-keys
- Shuttle Knob, Numeric Entry Pad
- LAN, GPIB, RS232 & USB Interfaces, CAN/CAN FD/ModBus, Analog Control
- **SmartSource Suite** – Embedded Web Server for Both LAN and USB Interface



SmartSource Suite on any web browser

The optimal model depends on your specific test requirements. Contact us for expert consultation.