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## **All NEW Linear AC Programmable AC Power Sources for a Wide Range of Applications**

*Linear technology provides high bandwidth, low noise and low distortion for a wide range of AC power test applications*

**Irvine, California, March 16, 2020 -- Pacific Power Source** has introduced a new range of precision programmable linear AC power sources for a wide range of AC power test applications. This new LMX Series consists of over 20 different models ranging in power from 500VA to 30,000VA. Compared to more commonplace PWM switching AC power sources, the LMX Series uses linear technology to offer superior performance with respect to output noise, voltage distortion, output impedance and peak current capability. The LMX Series also offer a 15Hz to 5,000Hz output frequency range which is higher than most switch mode AC power sources. This allows the LMX to support gyro and other navigational avionics equipment applications that require AC frequencies well above 1,000Hz.

Housed in a 19" rack mount chassis, the LMX Series can be used on an engineering bench as well as easily integrated in an automated test station. LAN with LXI, USB, GPIB and RS232 Remote control interfaces are all standard and with the available PPSC Manager Windows 10<sup>®</sup> software, compliance testing to a wide range of avionics and commercial power standards is available without the need to write custom programs. This includes DO160, Mil-Std 704, Airbus ABD0100.1.8, ABD0100.1.8.1, AMD24D and Boeing B787, as well as IEC 61000-4 Grid Immunity standards.

All LMX models share the same advanced transient and arbitrary waveform programming capabilities as Pacific Power's AFX Series switch mode models.

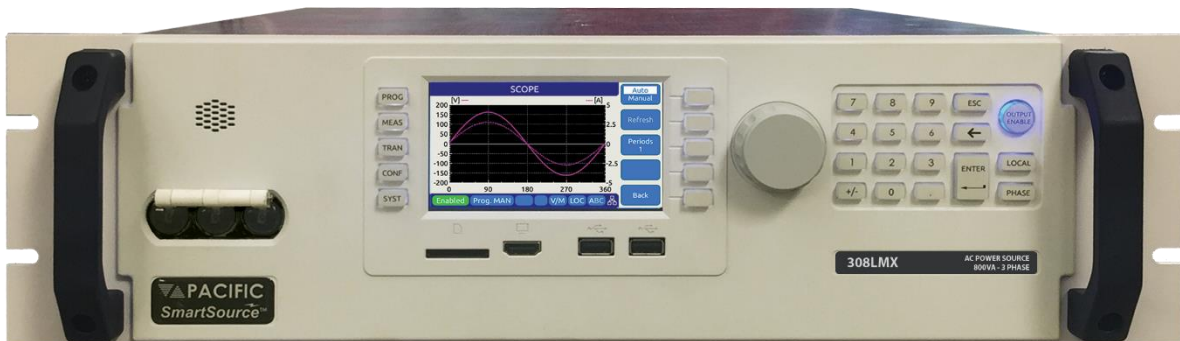
### **About Pacific Power Source:**

Founded in 1973, Pacific Power Source, Inc., is a world leader in high-performance AC power sources and power conversion equipment. The company designs and manufactures its products at its headquarters in Irvine, Calif., with sales and service centers in the U.S., China, the United

Kingdom and Germany. Pacific Power Source also has a worldwide network of sales representatives and distributors. The company serves the commercial/industrial and military markets worldwide, for applications ranging from research and development to manufacturing and facility power in aerospace, appliances (“white ware”), communications, computers, government laboratories, lighting, and test and measurement instrumentation, among others. For more information, visit [www.pacificpower.com](http://www.pacificpower.com), call 949-251-1800 or email [sales@pacificpower.com](mailto:sales@pacificpower.com).

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Attachment: Product Photo's.



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Figure 1: 308LMX Series Programmable AC Power Source.