



**AMETEK PROGRAMMABLE POWER**  
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**AMETEK**  
**NEWS**

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## **SORENSEN XG 1700 FROM AMETEK PROGRAMMABLE POWER PACKS 1700W INTO PROGRAMMABLE DC POWER SUPPLY**

*New programmable power supply delivers high power density in 1U rack-mountable unit that has a full selection of digital interfaces, built-in sequencing, simplified system integration and power-saving features*

SAN DIEGO, CA, U.S.A. —The Sorensen XG 1700 Series programmable DC power supply from AMETEK Programmable Power delivers an industry-leading 1700 watts of programmable DC output well-suited for test, production, laboratory, OEM and quality assurance applications.

Offered in 12 models with fully programmable output voltage ranges from 6V to 600V, the XG 1700 delivers a tightly regulated, low noise, low ripple output in both constant voltage and constant current modes. The XG 1700 also provides two, low-power auxiliary DC output channels suitable for driving control relays or powering other system accessories.

The Sorensen XG 1700 1U package is designed for compact rack mounting of multiple units. Up to 30 units can be configured into a one-master, multi-slave multichannel power subsystem using simple RJ-45 terminated interconnections. The unit also features a “Green” sleep mode, automatically powering down when idle.

In addition to precise, digital encoder front panel control and simultaneous voltage and current displays, the XG 1700 includes standard RS232/RS485 and USB remote control interfaces. It also offers optional GPIB and LXI Class C Ethernet control inputs. Commonly used, SCPI compliant, device drivers are available to support system applications. Analog control and read-back full scale signals can be user defined, from 0 to 2V to 0 to 10V in a continuously variable manner, facilitating easy substitution of the XG 1700 into existing test or process control systems.

The XG1700 supports autonomous program sequencing with the capability to store, recall and execute pre-programmed test routines including the operation of the auxiliary outputs, minimizing command latency and system controller overhead and thereby maximizing system throughput.

“The XG 1700’s combination of high power density, flexible standard and available control interfaces, autonomous program sequencing, remotely controllable auxiliary outputs and multi-slave control, makes it the perfect system power supply choice,” notes William Ruff, Director of AMETEK Programmable Power Product Marketing,

For detailed price and availability information, contact AMETEK Programmable Power sales at [www.programmablepower.com](http://www.programmablepower.com), or contact your local, authorized sales representative. AMETEK Programmable Power is a division of AMETEK, Inc., a leading global manufacturer of electronic instruments and electromechanical devices with 2008 sales of more than \$2.5 billion.

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[Click here for a hi-res image of the Sorensen XG 1700 Series Power Supply](#)

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