

Advanced Energy Launches Medical and Industrial Power Conversion Platforms with Leading Power Density

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Fully certified 800 W and 1200 W AC-DC solutions offer industry-leading small form factors, enhanced operational performance, ease of integration and ultra-long operating life

DENVER--(BUSINESS WIRE)-- Advanced Energy Industries, Inc. (Nasdaq: AEIS) – a global leader in highly engineered, precision power conversion, measurement and control solutions – today introduced two new ranges of AC-DC power supplies with industry-leading power densities for critical medical and industrial equipment. The SL Power™ NGB800 800 W and NGB1200 1200 W families are optimized to address the performance, power, size, reliability and compliance requirements of medical and industrial applications.

This press release features multimedia. View the full release here: <https://www.businesswire.com/news/home/20230105005018/en/>



Advanced Energy Launches Medical and Industrial Power Conversion Platforms with Leading Power Density (Photo: Business Wire)

The power supplies combine compact form factors and typical efficiencies above 90%. With full

medical and industrial safety and EMC approvals, they comply with IEC 60601-1-2 4th edition covering medical equipment and applications operating in heavy industrial areas.

“Medical and industrial OEMs want to reduce the size, improve the performance and extend the operating life of their equipment while minimizing time-to-market,” said Conor Duffy, vice president of marketing, medical power products at Advanced Energy. “With their high efficiencies, small form factors, compliance with all relevant standards and long operating lives, the NGB family of power supplies enable equipment designers to address these challenging requirements. Deep engineering and integration support from Advanced Energy’s technical teams further speed development cycles.”

Designed to meet the lifetime reliability requirements of equipment ranging from medical imaging and patient monitoring to industrial automation, the NGB families offer an MTBF in excess of 500,000 hours and come with a three-year warranty. Long-term reliability is further supported by the specification of high-quality electrolytic capacitors with operating lives over seven years.

These new power supplies can accommodate a wide 85 – 264 VAC input range and offer output voltages from 12 Vdc to 48 Vdc. Power supplies in the NGB800 family are convection cooled, while the NGB1200 units feature an integrated, ultra-reliable, low-noise fan.

For detailed product information and technical specifications, visit [the NGB800 page](#) and [the NGB1200 page](#).

About Advanced Energy

Advanced Energy Industries, Inc. (Nasdaq: AEIS) is a global leader in the design and manufacture of highly engineered, precision power conversion, measurement and control solutions for mission-critical applications and processes. Advanced Energy's power solutions enable customer innovation in complex applications for a wide range of industries including semiconductor equipment, industrial production, medical and life sciences, data center computing, networking and telecommunications. With engineering know-how and responsive service and support for customers around the globe, the company builds collaborative partnerships to meet technology advances, propels growth of its customers and innovates the future of power. Advanced Energy has devoted four decades to perfecting power. It is headquartered in Denver, Colorado, USA.

For more information, visit www.advancedenergy.com.

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Simon Flatt
Grand Bridges for Advanced Energy Industries, Inc.
aei@grandbridges.com
+1 310.529.0321

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