

PRESS RELEASE

Advanced Energy's LCC1200 Series Enhances Reliability and Reduces Overall System Cost in High Power Industrial Applications

Family extension to Artesyn LCC series delivers up to 1,200 W power output, reducing the need for multiple power supplies in high power industrial and outdoor applications

DENVER, Colo., March 15, 2022 — Advanced Energy (Nasdaq: AEIS) – a global leader in highly engineered, precision power conversion, measurement and control solutions – today introduced the Artesyn LCC1200 series of fanless, conduction-cooled AC-DC power supplies. The latest addition to AE's LCC family, the LCC1200 delivers up to 1,200 W power output and 93.5% efficiency in a compact form factor. The new power supplies are well-suited for industrial applications including outdoor digital LED signage, traffic light equipment, industrial lighting, telecommunications antenna and commercial off-the-shelf (COTS) solutions.

Unlike other power supplies in the market that require output derating above 55°C, the LCC1200 can maintain its full 1,200 W load capacity from -40 to 85°C baseplate temperature without forced air. With 15 W/in³ power density, one of the industry's highest, the LCC1200 enables customers to save space and reduce overall system cost. Active current sharing is supported and up to three units can be operated in parallel to support higher load requirements.

"Specifically designed for applications requiring high uptime, the LCC1200 provides a reliable and cost-effective alternative for customers who otherwise would need larger or additional power supplies," said Joe Voyles, vice president of marketing, industrial power conversion products at Advanced Energy. "By replacing multiple power supplies required for high power applications, the LCC1200 minimizes the system's risk for failure."

Measuring only 4.5 x 11 x 1.57 inches, the LCC1200 series is available in IP20 and IP65 ratings. The IP65 version is housed in a robust, fully-sealed enclosure to protect against dust and water ingress, making it well-suited for fanless outdoor and enclosed industrial applications.

With a universal 90-264 Vac input, the LCC1200 series can be used anywhere in the world without adjustment. The power supplies feature a single 28 or 24 VDC output with wide adjustment and 5 V standby voltage output. The LCC1200 family is fully approved to the international IEC62368-1 ITE safety standard and carries cUL, CE, UKCA and CCC certifications. The built-in PMBus™ interface provides flexible and comprehensive digital communication with control and monitoring functions for voltage, current, temperature and reporting of fault conditions. The LCC1200 has a calculated MTBF of more than two million hours and comes with a three-year warranty.

For detailed product information and technical specifications, visit <https://www.artesyn.com/power-supplies/websheet/659/lcc1200-series>.

About Advanced Energy

Advanced Energy (Nasdaq: AEIS) is a global leader in the design and manufacturing of highly engineered, precision power conversion, measurement and control solutions for mission-critical applications and processes. AE's power solutions enable customer innovation in complex

Advanced Energy Industries, Inc.

1595 Wynkoop Street, Suite 800 | Denver, CO 80202 | USA | +1 970 221 4670 | advancedenergy.com

applications for a wide range of industries including semiconductor equipment, industrial, manufacturing, telecommunications, data center computing and healthcare. With engineering know-how and responsive service and support around the globe, the company builds collaborative partnerships to meet technology advances, propel growth for its customers and innovate the future of power. Advanced Energy has devoted four decades to perfecting power for its global customers and is headquartered in Denver, Colorado, USA. For more information, visit www.advancedenergy.com.

Advanced Energy | Precision. Power. Performance.

###

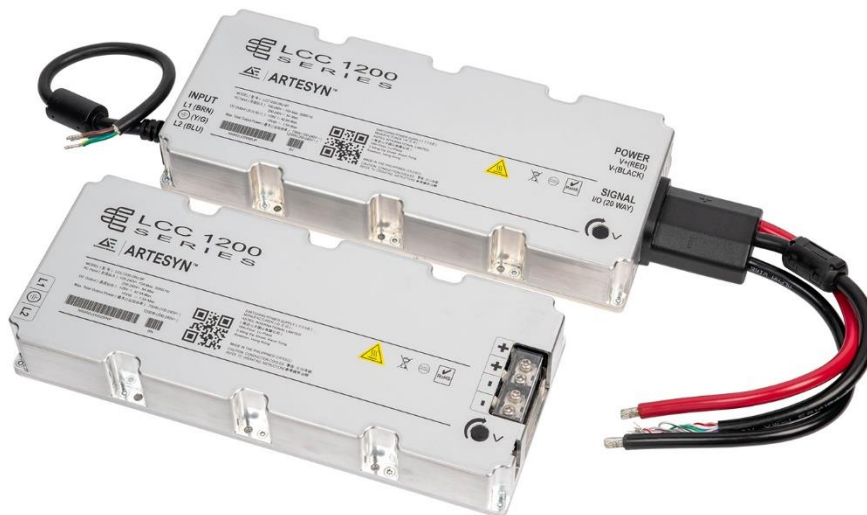
For press inquiries, contact:

Simon Flatt

Grand Bridges for Advanced Energy Industries, Inc.

aei@grandbridges.com

+1 310.529.0321



Advanced Energy Industries, Inc.

1595 Wynkoop Street, Suite 800 | Denver, CO 80202 | USA | +1 970 221 4670 | advanced-energy.com