

FOR IMMEDIATE RELEASE

The Higher Standard of DC / DC Power Supplies – UMR Collection

May 5, 2020 – Addison, TX – Dean Technology, Inc. today announced the introduction of its new collection of standard DC / DC high voltage power supply modules. The UMR collection consists of three full series that are form-fit-function replacements for industry standard solutions covering two package sizes, biasing or capacitor charging variations, and outputs up to 6,000 volts at 30 watts. These low ripple, high stability and high efficiency power supplies meet or exceed alternative offerings at a price point that makes them the best value available.

The first three series in the UMR collection are the UMR-A, UMR-C, and UMR-AA. The UMR-A series are biasing supplies with 12 or 24 volt input, outputs at 4, 20, or 30 watts from positive or negative 125 to 6,000 volts. This series also has an optional output voltage monitor. The UMR-C series are capacitor charging supplies with 24 volt input, outputs at 20 or 30 watts from positive or negative 125 to 6,000 volts. The series is designed with exceptional capacitor charging capabilities, with limited overshoot and outstanding rise time. The UMR-AA series are biasing supplies with 12 or 24 volt input, outputs at 4, 20, or 30 watts from positive or negative 125 to 6,000 volts. They offer standard voltage monitoring and a minimal footprint.

All three series come standard with current monitoring and output voltage control. All models and configurations have UL and CE certification for immediate system integration. They are also available with a wide range of hardware options, including flying high voltage output lead, Mu-Metal shielding, eared mounting plate, heatsinks, and RF tied enclosures.

“The UMR collection shows just how far Dean Technology has come with our high voltage power supply offerings,” said Scott Wilson, Power Supply Product Manager for Dean Technology, Inc. “By using the groundbreaking design tools and methods that have come out of our extensive power supply research and development group we’ve been able to produce a wide range of standard DC / DC products with remarkable performance at costs the competition can only dream of.”

DTI intends to expand the UMR collection to cover what is currently offered in the market and beyond. Many other series are in active development and release is anticipated in the next few months. Unlike competitors, Dean Technology welcomes the opportunity to customize all products

to meet customers' specific needs. The design and manufacturing methodology used for all of the UMR collection further this principal and allow for easy customizations that do not require extravagant lead times or upfront costs.

All models in the UMR-A, UMR-C, and UMR-AA series are readily available, and more information about the entire collection is available on the company's website at www.deantechnology.com/umr. Customers interested in replacing current products in their design or starting a new design with the most effective standard DC / DC modules available should contact the company immediately to learn more.

About Dean Technology, Inc.

Dean Technology, Inc. (www.deantechnology.com) is an ISO 9001:2015 certified company that specializes in the manufacture, distribution and support of high voltage components, assemblies and power supplies. Its three main product lines include HV Component Associates (HVCA), CKE, and High Voltage Power Solutions (HVPSI). The HVCA line of products centers on high voltage diodes, rectifiers, bridge rectifiers, ceramic disk capacitors, and custom assemblies for specific applications. CKE products are a leading line of high voltage and high power silicon rectifiers, MOVs, selenium suppressors, silicon carbide varistors, as well as custom assemblies. The HVPSI product line includes high voltage power supplies, multipliers and test equipment. Dean Technology's full family of products provides complete coverage of high voltage and high current solutions for any application. For sales and technical information Dean Technology can be reached at +1.972.248.7691.

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