



PRESS RELEASE

Next Generation Configurable Power Supply from Artesyn Embedded Technologies Offers Highest Efficiency and Power Density

Tempe, Ariz. [30 April 2015] — Artesyn Embedded Technologies today announced the first model in the second generation of its popular MicroMP (μ MP) configurable power supply series, the [\$\mu\$ MP16](#). With a new higher maximum power output of 1800 watts, the μ MP16 offers a power density of 22.9 W/in³ and efficiency of up to 91 percent, making it even more cost effective for equipment that has multiple power input requirements. The power supply case features six slots that users can configure from a wide variety of adjustable power modules, ranging from 0.9 to 60 Volts, enabling nearly limitless output power configurations across up to 12 outputs. With modules connected in series the μ MP16 can achieve output voltages up to 360 Vdc.

The μ MP series is already powering equipment such as MRI, CT and PET scanners, microbiology diagnostic systems, test and measurement systems, and industrial equipment such as paper processing machines; the next generation is set to bring a new level of flexibility and functionality to these and many more applications. This new generation μ MP series has been redesigned with greater digital integration for increased reliability and a 36 percent reduction in fan noise over the first generation product.

The new μ MP series is just one line in Artesyn's portfolio of [configurable](#) power supplies, which are renowned for their outstanding performance and reliability and for being cost effective. What's more, Artesyn's intuitive GUI-based control software, which can be downloaded free from www.artesyn.com/power/pmbusgui and used with Artesyn's configurable power supplies, provides users with superior flexibility, including real-time input voltage, current and temperature monitoring to provide at-a-glance performance confirmation.

Designed to ensure high efficiency and reliability – even in extreme environmental conditions – the new μ MP16 is rated for performance at temperatures from -40 to 70 degrees Celsius. It can withstand a shock of more than 50 G and meets the MIL-STD-

810G specification for vibration. The calculated mean time between failures is more than 350,000 hours at full load. Conformal coating is also available as an option.

The power supply is fully approved to the third edition of the EN60601-1 and UL ES60601-1 medical safety standards and with 2X Means of Patient Protection (MOPP), it can be used in non-patient contact and non-patient critical equipment.

About Artesyn Embedded Technologies

Artesyn Embedded Technologies is a global leader in the design and manufacture of highly reliable power conversion and embedded computing solutions for a wide range of industries including communications, computing, medical, military, aerospace and industrial. For more than 40 years, customers have trusted Artesyn to help them accelerate time-to-market and reduce risk with cost-effective advanced network computing and power conversion solutions. Artesyn has over 20,000 employees worldwide across nine engineering centers of excellence, four world-class manufacturing facilities, and global sales and support offices.

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