



PRESS RELEASE

New Artesyn Embedded Technologies 600 Watt Power Supply Delivers Full Useable Power at High Temperatures

Tempe, Ariz. [15 April, 2015] — Artesyn Embedded Technologies today launched the [LCC600 series](#), a new family of fanless, conduction-cooled AC-DC power supplies that can deliver their full 600 Watt power output across a wide operating temperature range of minus 40 to 85 degrees Celsius. Unlike many power supplies on the market, which typically require output derating above approximately 55 degrees Celsius, an Artesyn LCC600 supply fed from a nominal 110 Vac input is capable of maintaining its full 600 W load capacity up to its maximum baseplate temperature of 85 degrees Celsius. This is especially cost-effective for users who would otherwise need to budget for larger or additional power supplies.

The LCC600 power supply features a universal 90-264 Vac input with optional 180-305 Vac input – enabling it to be used virtually anywhere in the world without adjustment. The first models available feature a single 28 or 48 Vdc output, with wide adjustment, and 5 V standby voltage output. Artesyn will expand the series to include other voltage output models. It has a 4 x 9 inch footprint and is less than 1U (1.57 inches) high (228 x 101 x 39.8 mm). Typical efficiency is 93 percent.

The Artesyn LCC600 power supply is housed in a robust fully-sealed enclosure with optional IP65 protection against the ingress of dust and water. This makes it ideal for applications that require the power supply to be located in the same outdoor environment as the equipment it is powering, such as bulk power for outdoor signage and for telecom installations such as antenna and base station equipment.

The power supply is equally suitable for indoor use, such as in control consoles, indoor signage and medical applications, where the absence of cooling fans can help minimize dust and noise. The LCC600 power supply is fully approved to the international EN60601-1 medical safety standard and 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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