



PRESS RELEASE

Artesyn Announces Compact, Platinum Efficiency 495 Watt Distributed Power Supply

Tempe, Ariz. [9 November, 2016] — Artesyn Embedded Technologies today announced a new front-end bulk power supply that provides up to 495 watts in a form factor that is significantly shorter than that of similarly rated earlier-generation power supplies - conserving highly valuable system space. The [DS495SPE](#) extends Artesyn's DS family of power supplies to now provide a consistent and scalable form/fit/function from 495 W up to 2 kW total output power, designed for deployment in networking, storage and server applications. Artesyn has implemented advanced power switching technology and high density component packaging techniques while providing Platinum level efficiency, peaking at up to 94 percent.

The DS495SPE generates a main payload output of 12 Vdc for feeding downstream dc-dc converters in systems using distributed power architectures, together with a 12 Vdc standby output rated at 3 A for power management circuitry. With a continuous output of 495 W and a wide input voltage of 90 to 264 Vac, the DS495SPE is housed in 1U high rack-mounting enclosure measuring just 3.4 x 7.7 inches (86.3 x 196.5 mm).

This power supply is fully digital and compatible with Artesyn's universal [PMBus™ graphical user interface](#), enabling control via an integral I2C interface using the industry-standard PMBus communications protocol.

The main DC output of the DS495SPE can deliver up to 41.25 A with active current sharing to maximize cost-effectiveness by eliminating the need for additional components when paralleling multiple power supplies for high current applications. This power supply is hot-pluggable and features active power factor correction. The DS495SPE has RoHS certification with Class A + 6 dB margin conducted/radiated EMI, can be delivered with standard (forward) or reverse airflow configuration and comes with Artesyn's two-year warranty.

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 ten engineering centers of excellence, four world-class manufacturing facilities, and global sales and support offices.

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