



PRESS RELEASE

Artesyn Announces New 550 Watt CRPS Server Power Supply

Tempe, Ariz. [4 October, 2016] — Artesyn Embedded Technologies today announced a new 550 watt server power supply following the Intel® Common Redundant Power Supply (CRPS) specification, which is designed for hyper-converged compute, networking and storage infrastructure in enterprise IT and cloud environments.

The [CSU550AP](#) is housed in a compact 1U high enclosure measuring just 2.89 x 7.28 inches (73.5 x 185.0 mm) – a significantly smaller footprint than that of similarly rated earlier generation power supplies – achieved by using the latest power switching technology and high density component packaging techniques.

This power supply features a wide input range of 90-264 Vac, active power factor correction and is certified for 80plus platinum rated efficiency peaking at 94 percent. The CSU550AP generates a main output of 12 Vdc for feeding downstream dc-dc converters in systems using distributed power architectures. A 12 Vdc standby output rated at 3 A can be used for power management or supervisory circuitry. The main DC output of the CSU550AP can deliver up to 45.8 A. Active current sharing helps maximize cost effectiveness by eliminating the need for additional components when paralleling multiple power supplies for high current applications.

The CSU550AP power supply is hot pluggable and compatible with the Artesyn Embedded Technologies [universal PMBus™ graphical user interface](#), allowing control via an integral I²C interface using the industry-standard PMBus communications protocol with Class A + 6 dB margin conducted/radiated EMI and RoHS certification.

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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