



PRESS RELEASE

Artesyn Announces New Platinum Efficiency 2000 W Front End Power Supply for Server and Storage Applications

Tempe, Ariz. [15 September, 2016] — Artesyn Embedded Technologies today announced the new [DS2000SPE](#) ac-dc power supply, the latest addition to a product family designed with a consistent and scalable form/fit/function beginning at 495 W up to 2000 W continuous at high line. This means that customers can keep their mechanical designs when moving from 495 W up to 2000 W. As with other family variants, this front end 12 Vdc power supply features a very wide 90 to 264 Vac input voltage range and combines ultra-high 80plus platinum rated efficiency of 94 percent peak at 50 percent load and an industry-leading power density of 50.7 W per cubic inch (3.1 W per cubic cm).

The DS2000SPE series employs active power factor correction delivering a high power factor of 0.9 beginning at 20 percent load to minimize input harmonic current distortion. These power supplies feature active ac inrush control, to automatically limit inrush current at turn-on to 50 A maximum and the active current sharing feature enables these power supplies to be connected in parallel to provide higher load current or redundancy. The power supply's nominal +12 Vdc payload output is digitally programmable and is PMBus communications compliant with Class A + 6 dB margin conducted/radiated EMI and RoHS certification.

Other units in the family, following the same form/fit/function are available with -48 Vdc input, including the [DS500SDC](#) and [DS1100SDC](#).

The DS2000SPE is environmentally rugged with an operating temperature of up to 50 degrees Celsius and a maximum operational altitude of 5000 meters. Units are housed in a standard 1U package and come with a two-year manufacturer's 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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