



## **Artesyn Adds New Models to High-Efficiency 300W Eighth-brick Converter Series for Telecom and Computing Applications**

Artesyn Embedded Technologies today announced two new models in its [ADO300 series 300W eighth-brick converters](#), providing single 3.3V or 5V outputs.

The ADO300 is a new generation digitally-controlled dc-dc converter with standard eighth-brick outline and pin configuration. It can handle an input range of 36 to 75 V, delivers up to 60A output current at 3.3V or up to 60A output current at 5V output voltage.

The ADO300 converter series features an outstanding 95.2% ultra-high full load efficiency with excellent thermal performance. It has an enhanced pre-bias start-up capability and for high current applications two converters can be connected in parallel, automatically using droop current sharing.

Ideally suited to telecom, computing and server applications, the ADO300 series is available with baseplate or open frame options. High efficiency and superior thermal performance enables operation between -40 degrees Celsius and 85 degrees Celsius with air cooling - now demanded by telecom network and data center equipment manufacturers.

The new converters provide flexible and comprehensive digital communication via the PMBus® command protocol with control and monitoring functions for voltage, current, temperature and the reporting of fault conditions. They are ideal as isolated converters supplying power to downstream digital dc-dc converters such as Artesyn's [LGA80D series](#) or [analog point-of-load converters](#).

### [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, consumer electronics, medical, military,

aerospace and industrial automation. 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. Headquartered in Tempe, Arizona, Artesyn has over 16,000 employees worldwide across ten engineering centers of excellence, four wholly-owned world-class manufacturing facilities, and global sales and support offices.

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