TRIAD

Modular WSX Wall Plug-In Power Supply With Interchangeable Input Prongs

Business Equipment, Point-of-Sale Devices, PC's, Laptops, Tablets, Monitors, Printers, Game Consoles, Professional Audio, Video Cameras, Appliances, Charging Docks

Perris, *CA*—August 3, 2016—With a modular design featuring four interchangeable input prongs for use around the globe, the highly versatile **WSX Series Wall Plug-In Power Supply** from **Triad Magnetics** offers exceptional flexibility, performance and value in a device meeting the latest Level VI energy efficiency requirements.

Developed for electronics designers addressing the international market, the WSX Series supports electronic equipment power applications in the Americas, Europe, and Asia-Pacific.   Four different input electrical prongs easily snap into the back of a common case for wall plug-in power anywhere the user goes.

The WSX Wall Plug-In Power Supplies feature an advanced design with the latest switching topologies that meets or exceeds the Level VI requirements of U.S. EISA 2007, European Union 2005/32/EC and the California Energy Commission (CEC). Their green-friendly design helps reduce energy consumption by electronic devices, which results in the carbon-based greenhouse gases that are a cause of global warming.

The WSX Wall Plug-In Power Supplies consume up to 25 percent less power than traditional 50/60 Hertz power supplies, with an average typical efficiency of 88% per the Level VI efficiency requirements. Their clean compact surface mount construction reduces their package size by up to 50 percent and their weight by 70 percent, as well as providing superior reliability, quality and long-life.

Available in 18 different models with Triad's 5-year warranty, the WSX Wall Plug-In Power Supply Series features an input range of 100 to 240 Vac, 50-60 Hz. Output voltages are from 5 to 24 Vdc; 24 W maximum. Regulation (line and load) is ±5%.   No load power (standby) is < 100 mW.

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WSX Wall Plug-In Power Supplies are designed with rugged, double insulated construction and operate at a wide temperature range from 0 to 45°C at maximum load. They are also suitable for nearly all humidity levels, operating from 5-95 percent non-condensing humidity.

The WSX Wall Plug-In Power Supplies are suitable for use in a wide array of applications. They're ideal for business equipment, instrumentation, point-of-sale devices, PC's, laptops, tablets, monitors, printers, game consoles, professional audio, video cameras, appliances and charging docks. Class B EMI Certification offers excellent electrical noise isolation, preventing problems with surrounding equipment and adds to the application and installation possibilities.

Safety approvals include: ETL: UL/ANSI 60950 Class II, Double Insulated; BS: 1363-1:1995 + A1:1997 + A2:2003 + A3:2007; AS/NZS: AS/NZS 60950.1:2011 + A1, AS/NZS 60065:2012; GS (S50311479): EN 60950-1: 2006 + A11+A1+A12+A2;; EMI standard: FCC part 15 class B, EN 61204-3:2000. They are also over voltage and short circuit protected

To support green environmental initiatives and standards, the WSX Wall Plug-In Power Supplies are RoHS compliant.   They meet the requirements of the European Union's Directive 2002/95, which restricts the use of hazardous substances including mercury, lead, hexavalent chromium, cadmium and a range of flame retardants.

Depending on the specific model, the WSX Wall Plug-In Power Supplies are priced from $13.94 each in minimum quantities of 100 units with delivery from stock to 8 weeks lead time. They are also available off-the-shelf from Triad's extensive distributor network. Triad's design engineers also can work with customers to create custom products to fit their specific wall plug-in power supply needs.

Triad Magnetics

Triad Magnetics is a global leader in the design and manufacture of transformers, power supplies and inductors for a wide range of applications, including switch mode/high frequency, wall plug-in, power transformers, inductors and audio transformers.