



Press Information

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SL Power Introduces Highest Convection Rated and Flexible 500 Watt AC/DC Power Supply for Medical Devices and Industrial Test Analyzers

New MINT1500 Power Supply Approved to IEC60601-1 3rd Edition and Provides 2X MOPP Isolation

VENTURA, Calif. — January 21, 2015 — [SL Power Electronics](#), a division of SL Industries (NYSE/AMEX: SLI) and an industry leader in the design and manufacture of rugged, highly reliable power supplies, today introduces its [MINT1500](#) AC/DC power supply that solves a multitude of power challenges for next-generation medical devices and industrial test equipment. The high performance MINT1500 meets design engineers' requirement for a highly efficient 500 watt power supply that offers a flexible horizontal or vertical configuration in a very compact 3.3" X 7" X 1.5" size – ideal for space constrained applications.

Power dense and highly efficient, SL Power's newest models feature a universal AC input of 90 to 270Vac and DC output range from 24V to 56V. The small form factor allows the MINT1500 to fit easily into a 1U or 2U chassis and provides 350 watts for convection cooling, higher than any power supply in its class, or 500 Watts with moving air. The new models are approved to AAMI ES/CSA C22.2/EN/IEC60601-1, third edition with 2x Means of Patient Protection (MOPP) isolation. Input and output monitoring alarms plus 12V/0.8A fan output and 5V standby voltage are standard features of the MINT1500 family.

To better meet the specific needs of medical and industrial applications, AC and DC connections are placed on opposite sides of the power supply.

"The superior 350 Watt convection performance, 93% efficiency and approval to IEC60601-1 3rd edition, EN60950 2nd edition standard make our new MINT1500 the go-to internal power supply for medical devices as well as industrial applications such as Test & Measurement," said Maggie Nadjmi, product manager for SL Power Electronics. "In addition, the horizontal or vertical mounting gives designers a flexible approach to power and eliminates the need for a second model to meet a

configuration challenge. Another benefit is that the MINT1500 offers current share for system redundancy or a path for higher power application all with only one SKU.”

With an efficiency rating of 93%, the MINT1500 provides a lower heat signature, reducing end users’ energy costs and helping to advance customers’ green power initiatives. Moreover, further costs are reduced through the power supply’s forced current share that provides a higher power architecture – eliminating the need for an external circuit. This frees up valuable circuit board space and saves considerable money in design and development.

The MINT1500 power supply operates from -10°C to 70°C and all models are fully self-protected against short circuit, overload, and over-temperature conditions. Protected by a three-year warranty, the RoHS compliant power supplies meet stringent EMC requirements for applications requiring Class B conducted. In addition, the models are rated at 500,000 hours of calculated Mean Time Between Failure (MTBF).

Available now through SL Power’s extensive distribution sales channels, OEM pricing starts at \$280 each for 250 piece orders. For more information on SL Power’s extensive line of medical-grade power supplies, contact a local SL Power representative via the SL Power Web site at www.slpower.com.

About SL Power Electronics

SL Power Electronics Corp. designs, manufactures and markets internal and external power supplies for medical, communications, computer and industrial electronic OEMs. The company is a global leader in the development of AC/DC and DC/DC standard, modified and custom power supplies. The product offering includes a broad range of AC/DC and DC/DC open-frame switch mode and linear power supplies from seven to 6000 watts under the Condor brand name, and an external AC/DC switch mode power supply offering from six to 220 watts, as well as transformers, battery chargers and DC mobile adapters under the Ault brand name.

About SL Industries, Inc.

SL Industries, Inc. (NYSE/AMEX: SLI) designs, manufactures and markets power electronics, power motion, power protection, teleprotection and communications equipment and systems that are used in a variety of medical, aerospace, computer, datacom, industrial, telecom, transportation and electric power utility applications. For more information about SL Industries, Inc. and its products, please visit the company’s web site at www.slindustries.com

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