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SL Power's New MU425S AC/DC Power Supply Family Improves Medical Equipment Power Performance

The Compact 425 Watt Power Supply Features Superior EMC/EMI Compliance, RF and Surge Immunity; 2 MOPP Isolation

VENTURA, Calif. — April 21, 2016 — [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 announces its 425 watt, single output MU425 Series AC/DC power supply. This latest offering addresses the complexity and unique power needs of healthcare systems such as surgical equipment, home healthcare therapeutic devices and imaging equipment as well as other critical medical applications that require clean, reliable power for the highest level of performance.



Compact and highly efficient – up to 90 percent – the MU425S models are approved to CSA/EN/IEC/UL60601-1, 3rd Edition 2 means of patient protection (MOPP) isolation. In addition, for home healthcare devices and equipment, the new power supplies meet EN61000-4-2, EN61000-4-3 and EN61000-4-6.

The MU425S models measure only 3" x 6.2" x 1.62, for compact 1U high (1.75 inch) applications. The MU425S provides 300 watts of convection cooling or 425 watts with moving air. Designed with the highest level of Electromagnetic Compatibility (EMC) and Electromagnetic Interference (EMI) protection, these new models offer a wide -10°C to 70°C operating temperature range and will start up at a low -40°C, providing optimum thermal performance and eliminating the need for a costly heating element. Compliant to heavy industrial levels of the IEC61000-4 standards for EMC immunity and Class B Conducted EMI with 6db margin, the MU425S models have over 350,000 hours Mean Time Between Failure (MTBF) and use long life (>7 years) electrolytic capacitors in their design.

“Our new MU425S AC/DC power supply family is the perfect solution for design engineers needing maximum power performance for critical medical applications,” said Cochise Mapa, director, global product management. “SL Power is a global leader in medical power, and our engineers have developed the MU425S to meet the exacting requirements of today’s medical devices – ensuring the highest level of patient protection, efficiency and performance in a small form-factor.”

There are four models in the family, featuring a universal input of 90 to 264Vac and outputs of 12V, 18V, 24V and 48V input and output monitoring alarms. In addition, isolated 12V/1A fan output and 5V/2A standby voltage are standard offerings of the new family. All models are CE marked to low voltage directive and approved to ITE standards of IEC/UL/EN60950 and CSA C22.2, 2nd edition.

Featuring a three-year warranty, the MU245S models are available now through SL Power’s extensive distribution sales channels. For more information on SL Power’s extensive line of 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 is a global leader in the design, manufacture and marketing of differentiated internal and external AC/DC and DC/DC power conversion solutions for demanding Medical, Test & Measurement, LED Lighting, Audio/Visual, Information Technology Equipment, Data/Telecom, Industrial and other OEM applications. For more information, visit www.slpower.com.

About SL Industries, Inc.

SL Industries, Inc. (NYSE MKT: SLI) designs, manufactures and markets power electronics, motion control, power protection, and power quality electromagnetic equipment that is used in a variety of medical, commercial and military aerospace, solar, computer, datacom, industrial, and telecom 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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