Medical-Grade High-Efficiency 150 Watt Power Supply

SL Power Electronics, a division of SL Industries and an industry leader in the design and manufacture of medical power supplies, today announces its latest medically approved high-efficiency MINT1150 AC/DC power supply. Like all of SL Power's high-density open frame AC/DC medical-grade power supplies, the MINT1150 is approved to the highest safety standards, including EN/IEC/UL60601-1, 3rd edition. The MINT1150 family is ideal for medical devices, home healthcare systems and laboratory equipment needing a highly reliable and energy efficient power solution in a small form factor at an affordable cost.

Measuring only 2" X 4" and less than 1U (1.3") high, the MINT1150 is ideal for 1U high applications. The compact MINT1150 features an open frame design and provides 150W of output power with up to 90 percent efficiency at 240Vac. Certified to comply with the isolation requirements for Means of Patient Protection (2 x MOPP), the MINT1150 is suitable for use in both patient vicinity and patient contact applications where equipment is used near or comes in direct contact with the patient. Applications such as blood pressure monitors or ultrasound equipment fall into this category.

The EMI performance of the MINT1150 family of power supplies meet Class B Conducted limits and Class A radiated limits (with 6db margin). Compliant to EN61000-4-2, 3, 4, 5, 6, 8, and 11 EMC specifications, the MINT1150 series power supplies will ensure system level compliance for those applications that need to meet these worldwide specifications. The MINT1150 operates at universal input

range of 90 to 264Vac with a wide temperature range of -10°C to +70°C, delivering full rated output power up to +50°C. In addition, the series features Power Fail and DC OK signals.

"The introduction of the MINT1150 model family further enhances our unparalleled standard product offerings thereby providing our customers a large variety of product solutions, both from a technical and cost perspective," said Greg Harris, Executive Vice President of Sales for SL Power. "Our new MINT1150 family features high density, energy efficiency and a small footprint at a very affordable cost."

SL Power Electronics
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