Power supply features high efficiency and small form factor

SL Power Electronics [1] announces the latest offering in its power dense product line, the CINT3110 AC/DC power solution. As with SL Power's other high-density open frame AC/DC Industrial/ITE power supplies, the CINT3110 is approved to the highest safety standards, including EN/IEC/UL60950-1, 2nd edition. Ideal for test & measurement, diagnostic, process control and other Industrial applications, the CINT3110 series triple output power supplies provide a highly reliable and energy efficient power solution in a small form factor at an affordable cost.

The CINT3110 series operates from -10°C to +70°C over a 90 to 264Vac input range. Fully compliant to EN61000 requirements for Static Discharge, Conducted and Radiated RF, EFT/Burst, Line Surge, Magnetic Field, Line Flicker, and Voltage Dip Immunity, the CINT3110 series guarantees operation in industrial applications where power sources are unstable.

Measuring only 2" X 4" and less than 1U (1.3") high, the CINT3110 is ideal for 1U high rack-mount enclosures and other size-constrained equipment. Featuring an open frame design, the power supply provides 110W of output power with up to 90 percent efficiency at 240VAC. The triple output power capabilities eliminate cross talk and provide tightly regulated DC power in a variety of configurations that save user's costs by eliminating the need for additional DC/DC converters.

The CINT3110 models provide three outputs, featuring a 5V main output and

various combinations of auxiliary outputs (+/-12V, +/-15V, +/-24V). The main +5V output can deliver 10A continuously with standard convection cooling, and up to14A with forced air cooling. The 24V outputs can supply 3A and 4A respectively. All three outputs are tightly regulated; the 5V output is maintained to within +/- 2 percent for all normal line and load conditions, and has a maximum ripple of 50 mV peak-to-peak.

Available in three models, the CINT3110 power supply has a wide temperature range – delivering full rated output power while operating within an ambient temperature range of -10°C to +70°C with standard interface signals.

The CINT3110 models are certified to the stringent EMC requirements for applications requiring Class B EMI and Class A, B, C & D of IEC61000-3-2 for Line Harmonic Emissions. In addition, the models have been HALT tested for durability and have more than 400,000 hours of demonstrated Mean Time Between Failure (MTBF). In addition, the CINT3110 has cUL, CE, CB, and DEMKO approval markings and features a 3-year warranty.

Available now through SL Power's extensive distribution sales channels, OEM pricing starts at $80 each for 500 piece orders. For more information on SL Power's extensive medical power supplies, contact a local SL Power representative who can be found on the SL Power Web site at http://www.slpower.com [2].

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[1] http://distribution.mymediainfo.com/lists/lt.php?id=fB8KBFZZDFwEAU8BWwBRB09RUFcBAQA%3D
[2] http://www.slpower.com