



Editorial Contact:

Nigel Davies
SL Power Electronics Corporation
Tel; +44 (0)1769 579505
nigel.davies@slpower.com

SL Power Announces 220W Desktop Unit For Medical Applications - Offers Highest Output From a Standard External Power Supply

SL Power Electronics announces the latest addition to its Ault family of AC/DC external power supplies for medical systems applications. The MENT 1220 series comprises single output, desktop-style power supplies with an output range of up to 220W which, the company claims, is the highest power output of any standard external power supply currently available, which is sealed and convection cooled. This design is expected to be very popular in such markets where manufacturers who previously were limited by power limitations, want to reduce their product size by moving to external power supplies, but cannot accept cooling by fans or ventilation slots. Typical applications are expected to be with flat screen monitors for medical imaging and dental equipment.

The new family complies with Environmental Protection Agency (EPA) Energy Star Level IV and meets all relevant safety and EMC standards including medical EN60601-1-2. SL Power MENT1220 units are available in three regulated voltage outputs, 24V, 32V and 48V.

“Our Ault brand has been part of the Environmental Protection Agency’s Energy Star program since it’s inception.” Says Greg Harris, SL Power VP Sales & Marketing. “We have also been involved with the California Energy Commission (CEC) and other global agencies focused on environmental issues. In the USA, EPA’s Energy Star Level IV is key to the next phase in energy efficiency and we want our customers to know that our power solutions meet the highest standards currently and in the future.”

Measuring 8.0 x 4.2 x 1.8in, the 1220 Series units are protected against over voltage, over current and overheating as well as short circuit. Typically efficiencies are measured at around 90%.

All models feature a universal input of 100 to 240Vac and are packaged in a non-vented, impact-resistant, polycarbonate enclosure with a ribbed surface to improve cooling, compliant to IPX1 standards and consequently ideally suited to medical requirements. Units can be supplied with a variety of output connectors to suit customer’s requirements.

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 200 watts, as well as transformers, battery chargers and DC mobile adapters under the Ault brand name.

SL Power Electronics Corp. is a subsidiary of SL Industries (AMEX – SLI). SL Industries, through its subsidiaries, designs, manufactures and markets equipment and systems for industrial, medical, electric utility, aerospace and telecommunications applications.

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