

# Unique Power Supply for Homecare Applications



SL Power Electronics, a division of SL Industries, and manufacturer of both internal and external power supplies, introduced the MINT1180 product family, the only medically approved supply in the market with 180 watts of convection cooled output power in 3X5 popular footprint. The series comes in eight different models ranging from 12 to 48V and has been approved to IEC60601-1 for MOPP (Means of Patient Protection). This new single output power supply family has both Class I and II input versions and accepts wide input range of 90 to 264Vac. The typical 90% efficiency and convection cooled make this supply an excellent solution for HomeCare applications without use of fan. With less than 1.3" in height and compact size, the MINT1180 can easily fit in tight spaces. The family is CE marked to Low Voltage Directive and has been certified to CB scheme with required deviations for countries around the globe. The MINT1180 product line is designed to meet the stringent EMC requirements for medical applications. In addition, they have been HALT tested for durability and are offered with 3 year warranty.

Ken Owens, President of SL Power, commented, "The challenge of increased power requirement for homecare devices is addressed by the high convection density and small footprint of our new MINT1180 family. This solution based approach will be the main driver for developing new products targeted at medical applications."

These supplies are readily available through SL Power's extensive distribution sales channels and offered at \$75 for 500 piece orders.

### 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

## **Unique Power Supply for Homecare Applications**

Published on Medical Design Technology (<http://www.mdtmag.com>)

---

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. [www.slpower.com](http://www.slpower.com) [1]

### **Source URL (retrieved on 12/12/2013 - 12:38pm):**

<http://www.mdtmag.com/product-releases/2011/12/unique-power-supply-homecare-applications>

### **Links:**

[1] <http://www.mdtmag.com/../../../../Local%2520Settings/Temp/AppData/Local/Local%2520Settings/AppData/Local%2520Settings/Temp/notesE1EF34/www.slpower.com>