
PRESS INFORMATION

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Powerbox updates the 100 Watts Medline series of AC/DC open frame power converters



Powerbox announces the release of its updated standard series of open frame and medical series – MEDLINE OFM 100.

Powerbox Medline OFM 100 is a collection of medical open frame power supplies with very high power density, with 80–100 Watts output power, all fulfilling the safety standards and EMC requirements for medical applications IEC 60601-1.

“The introduction of our updated medical line of products supports our commitment to deliver innovative products that fulfills the last safety and EMC standards and at the same time address the needs of our customers”, said Anders Arvidsson, Business Unit Manager for Powerbox Standard Products. “We have been successful in designing custom tailored products for medical applications and the introduction of Powerbox Medline means that we now also can offer our customers a wide range of medical standard products”, adds Louis Masreliez, President of Business Area Powerbox.

The Powerbox Group has more than 30 years experience in developing, marketing and selling power supply solutions to the electronic industry, predominately in the premium technology sector of the market. The product offering includes a wide range of standard power supplies as well as extensive capabilities in offering customized power solutions. The Group is having a global presence based upon the headquarters in Sweden and from its subsidiaries in 15 countries covering Europe, the US, Asia and Australia.

With this announcement, Powerbox is addressing the medical market providing the customers with a new choice of products.

For more information on this line please contact:
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Medline OFM 100 series

Key features

- Ultra high power density 12,5 W/sq inch
- Reliable front edge fly-back design with very low component count
- Industry standard 2x4 inch footprint
- Very low leakage current allow parallel connection for higher output power
- Class I or Class II isolation
- Approved according to the medical safety standard IEC60601-1
- The safety approval includes EMC standards according to IEC60601-1-2
- Fulfills EMC requirements according to IEC61204-3
- Increased margin to the EMC requirements at Class I and Class II connection
- Increased efficiency

Product description

Medline OFM 100 is a high performance and high density single output AC/DC power supply series in open frame format. It provides up to 100 Watts continuous in standardized PCB size 51 x 102 mm and 32 mm in height.

Medline OFM 100 series features the latest fly-back topology and it's ready for world wide AC inputs, 100-240 VAC.

Single output 12, 15, 18, 24 or 48 V DC.

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