



MEB SERIES

# MEB-1K5A

1,500 W Compact-Sized Enclosed Power Supply



High Power Density



Intelligent Fan Speed Control

## Medical Power Supplies

# Delta Launches 1,500 W Compact-Sized MEB Series for Medical and ITE

Delta expands the MEB Series with the launch of the 1,500 W medical grade enclosed power supply - MEB-1K5A. The MEB-1K5A is a compact 5" x 8.03" x 1.59" and provides a single output voltage of 24 V and 48 V. It provides an additional 5 V / 2 A standby output and up to 92% efficiency at 230 Vac input. The power density is up to 23.5 W/inch<sup>3</sup> and has a wide operating temperature range from -20°C to +70°C (full power available to +50°C). The MEB-1K5A 48 V model can further support up to 2,200 W peak power for 300 ms. Additional features include current sharing, analog voltage trimming, remote on/off control and intelligent fan speed control.

The MEB-1K5A is certified to medical and AV/ICT equipment safety approvals, including IEC/EN/BS EN/ANSI/AAMI ES 60601-1, IEC/EN/BS EN/UL 62368-1. The MEB-1K5A 24 V model complies with IEC/EN/BS EN 60335-1, IEC/EN/BS EN 61558-1, IEC/EN/BS EN 61558-2-16 for household appliances and EMC standards EN 55011/EN 55032. It also meets the EN 61000-3-2 harmonics as well as EN 61000-4 and EN 60601-1-2 (Edition 4) immunity standards.

The MEB-1K5A is applicable for industrial applications such as collaborative robots, laser machines and test and measurement instruments, as well as medical applications such as ultrasound and aesthetic equipment.

## Product Information



Enclosed > MEB Series

### MEB-1K5A

MEB-1K5A24T	24 V / 62.5 A <a href="https://www.deltapsu.com/en/products/enclosed/MEB-1K5A24T">https://www.deltapsu.com/en/products/enclosed/MEB-1K5A24T</a>
MEB-1K5A48T	48 V / 31.25 A <a href="https://www.deltapsu.com/en/products/enclosed/MEB-1K5A48T">https://www.deltapsu.com/en/products/enclosed/MEB-1K5A48T</a>

- Please contact your **local sales representative** for product availability. Alternatively, you may [leave us a message](#) and our sales representative shall get back to you.

## Features

- Up to 1,500 W in 5" × 8.03" × 1.59" package
- Up to 23.5 W/inch<sup>3</sup> power density
- Full power up to 50°C ambient
- Up to 500 KHrs MTBF
- 5 V / 2 A standby output
- Current sharing
- Conformal coating
- Class B conducted and radiated EMI
- LED indicator
- Remote on/off control
- Analog voltage trimming
- Intelligent fan speed control

## Applications



Collaborative Robots



Laser Machines



Ultrasound Machines



Aesthetic Equipment