



## Enclosed Medical Power Supply MEB Series

2,500 W Output Power with PMBus®



High Power  
Density



Active PFC



PMBus®  
Compliance

### Medical Power Supplies

## Delta Expands MEB Series with 2,500 W High-Power Model Featuring PMBus®

Delta launches the MEB-2K5A, the latest augmentation of the enclosed medical power supply MEB Series. This powerful unit delivers 2,500 W of output power and its output voltage options of 24 V, 36 V, and 48 V are provided. Featuring a high-power density of 29.5 W/inch<sup>3</sup>, the MEB-2K5A is encased in a compact form factor measuring 127 x 310.8 x 40.5 mm (5 x 12.2 x 1.6 inch). The MEB-2K5A features active current sharing, which allows multiple units to operate in parallel and distribute loads evenly for high-power applications, as well as a 5 V/2 A standby output. Besides, the power supply offers conformal coating for protection in demanding environments as it enables a wide range of operating temperature from -20°C to 70°C, its smart fan control aids in assuring quiet and efficient operation. Advanced digital monitoring and control are supported via PMBus® version 1.3, ensuring seamless integration into complex systems.

The MEB-2K5A is specifically designed for medical applications, offering 2 x MOPP isolation and type BF compliance to meet strict safety requirements. It is certified to major safety standards, including IEC/EN/UL 60601-1 for medical devices, IEC 62368-1 for industrial equipment, and IEC/EN 60335-1, IEC/EN 61558-1/-2/16 for household appliances. This versatile power supply is ideal for various medical equipment, such as CT scanners, surgical robots, and aesthetic devices. The comprehensive MEB-2K5A solution for diverse power needs facilitates assorted industrial fields including collaborative robots (as known as cobots), laser machines, and household appliances.

\*\*Acknowledgement: The capitalized terms "PMBus" or other marks mentioned herein are the trademarks of their respective owners and are referred merely for explanation or descriptive purpose and to the respective owners' benefit, without intention of use or infringement.

## Product Information

Enclosed > MEB Series  
**2,500 W**



MEB-2K5A24T	24 V / 104.2 A <a href="https://deltapsu.com/en/products/enclosed/MEB-2K5A24T">https://deltapsu.com/en/products/enclosed/MEB-2K5A24T</a>
MEB-2K5A36T	36 V / 69.5 A <a href="https://deltapsu.com/en/products/enclosed/MEB-2K5A36T">https://deltapsu.com/en/products/enclosed/MEB-2K5A36T</a>
MEB-2K5A48T	48 V / 52.1 A <a href="https://deltapsu.com/en/products/enclosed/MEB-2K5A48T">https://deltapsu.com/en/products/enclosed/MEB-2K5A48T</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 29.5 W/inch<sup>3</sup> power density
- 2 x MOPP isolation
- Suited for Type BF medical products
- 5 V / 2 A standby output
- Active current sharing
- Conformal coating
- Class B Conducted and Radiated EMI
- Normal and Reversed Option for Remote On/Off and Power Good Signal
- PMBus® Ver 1.3 supported

## Applications



CT Scanner



Surgical Robot



Aesthetic Device



Cobot