



## IMA PLUS Series

2000 W Power Supply with  
150% Peak Power



Up to **95%** Efficiency



**PMBus**® Compliance

### Medical & Industrial Power Supplies

## Delta Introduces the New 2,000 W Model for the IMA PLUS Series Power Supply with 3,000 W Peak Power

Delta introduces the new 2,000 W model for its IMA PLUS Series AC/DC power supply, which is designed for medical and industrial applications. The IMA PLUS 2,000 W offers a main output of 24 V or 48 V, alongside a standby output of 5 V / 2 A, and a universal wide range AC input from 80 V<sub>AC</sub> to 275 V<sub>AC</sub>. Their compact design, measuring just 12.2" x 5" x 1.6", ensures efficient utilization of space without compromising on performance.

Notably, the IMA PLUS 2,000 W supports a peak power of 3,000 W for 5 seconds, ensuring stable operation when a brief high-power demand is required. The IMA PLUS Series features up to 95% energy efficiency and < 2 W standby power consumption, effectively reducing energy waste and costs. Additional features include Remote On/Off and Power

Good signals for convenient management, as well as active current sharing, which prevents overloading by distributing load evenly among multiple units. Moreover, the IMA PLUS 2,000 W model includes intelligent fan speed control to minimize overall system ambient noise while maintaining proper cooling.

The Series also obtains major approvals, including IEC/EN/UL 60601-1 for Medical and IEC/EN/UL 62368-1 for Industrial, along with certifications for EMC standards and full compliance with RoHS Directive, ensuring its safety, reliability, and environmental credentials. Furthermore, this Series conforms to the CQC (China) and KC (Korea) EMC to ensure global standard compliance.

\*\*Acknowledgement: The capitalized terms "PMBus", "EMC", "IEC/EN/UL" or other marks mentioned herein may be 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 > IMA PLUS Series  
2,000 W



IMA-S2000-24-YV	24 V / 83.3 A <a href="https://www.deltapsu.com/en/products/enclosed/IMA-S2000-24-YV">https://www.deltapsu.com/en/products/enclosed/IMA-S2000-24-YV</a>
IMA-S2000-48-YV	48 V / 41.6 A <a href="https://www.deltapsu.com/en/products/enclosed/IMA-S2000-48-YV">https://www.deltapsu.com/en/products/enclosed/IMA-S2000-48-YV</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

- Safety approvals for medical (IEC 60601-1-2), industrial (IEC 62368), and IT fields
- Wide operating input voltage range: 80 - 275 V<sub>AC</sub> or 120 - 300 V<sub>DC</sub>
- 3,000 W peak power up to 5 secs.
- Wide adjustable main output voltage range (+/- 20%)
- 5 V<sub>DC</sub> / 2 A standby output
- Up to 95% high efficiency
- Low standby power < 2 W
- Compact 1U Design (309.6 x 127 x 40.6 mm or 12.2 x 5 x 1.6 in)
- Operating temperature -40°C to +70°C, derating @ > 50°C
- Variable speed fan control
- Low acoustic noise level of less than 39 dB(A)
- Active current sharing
- 2 × MOPP and BF appliances
- PMBus® compatible for control, programming and monitoring
- 500,000 hour MTBF
- Optional conformal coating

## Applications



Analyzer



Aesthetic Equipment



Wide-Format Printer



Conveyor System