

Medical Adapter MEA Series

High-Efficiency 160 W Compact Model



Medical Power Supplies

Delta Introduces the New 160 W High-Efficiency and Compact Model for its MEA Series Medical Adapter

Delta adds the MEA-160A to its high performance medical adapter MEA Series, which delivers 160 W output power. The new model bridges the gap between the existing 90 W and 250 W adapters, offering healthcare providers flexible applications of various medical equipment, including portable ultrasound, portable IVD, patient monitors, and medical displays.

The MEA-160A model features up to 93% efficiency, meeting DoE Level VI, VII and CoC Tier 2 standards to reduce energy consumption and operational costs. With 65 x 150 x 32 mm (2.56 x 5.9 x 1.26 in) compact size and up to 8.4 W/inch³ power density, the MEA-160A is an ideal choice for limited

installation space. This model also offers 12 V, 15 V, 19 V, and 24 V voltage output options to be compatible with various medical devices.

The MEA-160A complies with 2 x MOPP insulation standard and low leakage current (<math>< 0.1\text{ mA}</math>) to ensure safety of users. It also has a DC-OK LED indicator to provide real-time warning for when emergency occurs. The model is also certified with major approvals, including IEC/ EN/ CSA 60601-1 for medical and IEC/ UL 62368-1 for audio, video, and IT equipment. The MEA-160A's CE, UKCA, PSE and CCC standard conformity ensures global regulatory compliance and reliable operation in diverse healthcare settings.

Product Information

Adapter > MEA Series
160 W



MEA-160A12C	12 V / 12.5 A https://www.deltapsu.com/en/products/adapter/MEA-160A12C
MEA-160A15C	15 V / 10.67 A https://www.deltapsu.com/en/products/adapter/MEA-160A15C
MEA-160A19C	19 V / 8.42 A https://www.deltapsu.com/en/products/adapter/MEA-160A19C
MEA-160A24C	24 V / 6.67 A https://www.deltapsu.com/en/products/adapter/MEA-160A24C

- **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

- Compact footprint
- Meets Efficiency Level VI, VII and CoC Tier 2
- Universal AC input range at 85-264 V_{AC}
- Safety approvals: IEC 60601-1 & IEC 62368-1
- Compliant with IEC 60601-1-2 Ed. 4 requirements
- Low touch current (<0.1mA Normal & single fault condition)
- 2 × MOPP isolation

Applications



Portable Ultrasound



CPAP



Patient Monitor



Medical Display