

AC-DC Supplies Deliver Low-Profile For Medical And Industrial Devices

[Advanced Energy Industries'](#) LPP200 series of 200-W ultra-low-profile ac-dc power supplies feature a profile of just 0.75 inches (19 mm), enabling greater levels of miniaturization in medical and industrial devices, such as patient monitors, displays and infusion pumps. Measuring 2 x 4 x 0.75 in., these units achieve a power density of 33 W/in³ (see the figure).

The LPP200 series is certified to the EN/IEC/cUL60601-1 safety standard and is designed for Type BF (Body Floating) medical applications. The series is also certified to the EN/IEC/cUL62368 safety standard, which is applicable to ITE and industrial applications. With high EMI and EMC performance, the series is well suited for demanding medical and heavy industrial requirements.

These power supplies come with a range of voltage outputs from 12 V to 48 V providing up to 200 W of output power. For more information on the LPP200 series, including specification sheets, click [here](#).

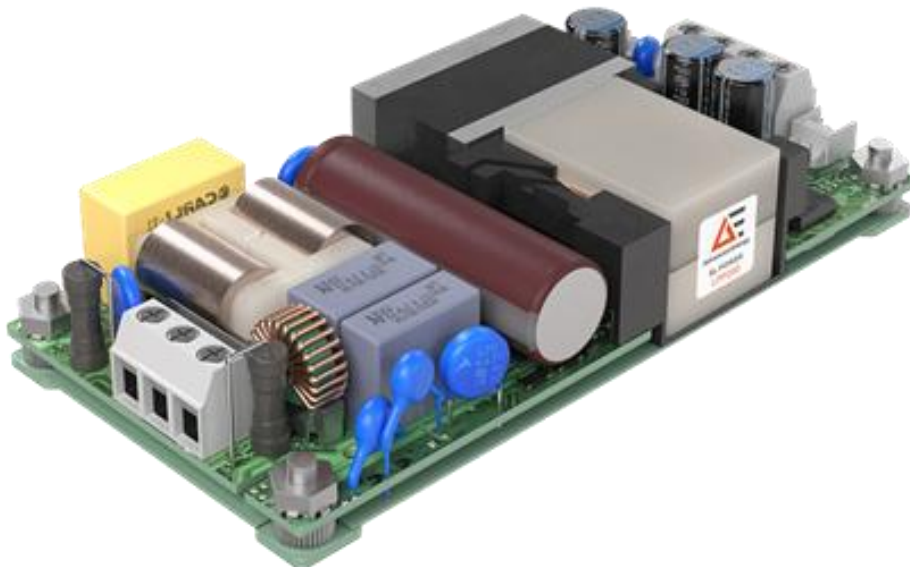


Figure. The LPP200 ac-dc power supplies deliver exceptional performance and reliability in a compact, low-profile (0.75 in.) open-frame design, making them well-suited for medical and industrial applications where space constraints are critical. The series offers models with nominal main outputs of 12 V, 24 V, or 48 V, and supports up to 200 W of output with airflow. Each unit incorporates comprehensive protection features, including output overvoltage, short circuit, and overload safeguards.