

Power Supplies

The MHX family of modular high-voltage power supplies is for use in systems powered by 24-volt DC supplies. Measuring only 10 x 3.9 x 5.9 inches, the compact, versatile modules are especially suitable for X-ray equipment as well as applications such as insulation and materials testing and electron and ion beam acceleration. At introduction, the series includes two models—a 100-watt unit providing 1.67 milliamps (mA) at up to 60 kilovolts (kV) and an 80-watt unit providing 1 mA at up to 80 kV. Voltage load regulation is more than 500 parts per million (ppm) for both models, and the maximum peak-to-peak ripple is exceptionally low—less than 30 volts for the 60-kV supply, only 80 volts for the 80-kV unit.

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