

PRODUCT HIGHLIGHTS

The editors' choices of outstanding products, selected for technological advancement or a substantial gain in price and performance.

10-kV supply measures 0.85 in.³

Device exhibits low EMI/RFI and low output ripple

Part of the Q Series, the Q101 power supply accepts a 0 to 5-V input and provides a 0 to 10-kV output. The supply, measuring 0.85 in.³ and weighing 1 oz, is presented as the smallest high-voltage dc/dc power supply available.

This voltage is twice that available in previous versions. Output power is 0.5 W, with 1.25 W available.

The supply uses a quasi-sine-wave oscillator and an enclosed pot core transformer, resulting in low EMI/RFI and an output ripple of less than 0.75%. The isolated output, available in either positive or negative polarity, is proportional to the input, and turn-on voltage is 0.7 V.

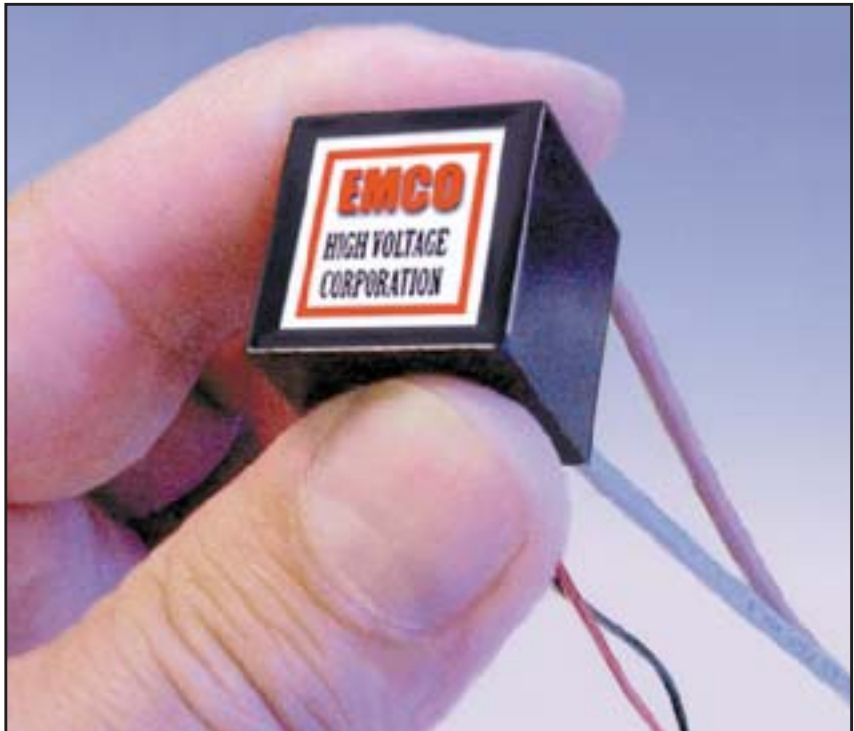
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The Q101 10-kV dc/dc power supply is presented as the smallest such high-voltage unit available.