

25/30 Watt DC/DC Converter



The 5E03 dc/dc converter is part of the 5E Series offering over 20 high efficiency converter models having pi input filters, a wide 2:1 input voltage range, and isolated outputs. Input voltage ranges include: 9-18, 18-36, and 36-72 VDC. Units are available with single, dual and triple, low ripple, regulated outputs. No external components are required for additional filtering. For power conservation, a CMOS/TTL compatible Remote On/Off Control allows the converter output to be turned on or off as necessary. Single output converters have an external "Output Trim" that allows the output voltage to be set precisely within a $\pm 10\%$ adjustable range. These 25/30 Watt converters have continuous short circuit protection and do not require a heat sink or external cooling.

Efficiencies up to 84% are achieved due to high, 200 kHz switching frequencies. All converters have black coated six sided shielding. Case size is 3.00 x 2.56 x 0.83 inches.

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