40W DC/DC Converters Include Wide Input

MicroPower Direct now offers the F3000ERU series, a family of high performance 30W DC/DC converters. They offer a unique combination of compact size, robust performance and high power density, robust performance and economy. As part of MPD's "Cost Cutter" series of products, they are offered at very low prices.

Twelve standard models operate from wide 4:1 inputs of 9 to 36 VDC or 18 to 75 VDC; providing single and dual outputs of 5, 12, 15, ±5, ±12 or ±15 VDC. Standard features include line/load regulation less than 1.0%, input/output isolation of 1,500 VDC, continuous short circuit protection, a remote control input and high efficiency to 90%. The MTBF (per MIL HDBK 217F) is greater than 1 Mhours.

The F3000ERU family is packaged in a compact 2 x 1.6 x 0.465 inch case. The pin-out is industry standard. Each model is specified for operation over the industrial temperature range of -40°C to +85°C. An optional heatsink is available.

The F3000ERU series is a good choice for a wide variety of board level power applications requiring high output power, input/output isolation, and compact package size. Their combination of small size, high performance and economy make them a good fit for a wide variety of industrial/commercial applications.

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