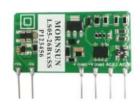


News release: May 2018

New 5W AC/DC Module range from Mornsun features Ultra-wide 90-528VAC Input.

Global power conversion manufacturer Mornsun is pleased to announce the launch of a new 5W of SIP AC/DC converters that feature an Ultra-wide input of 90-528V AC. This





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extended input range significantly increases the possible applications that these converters can be used in. The are suitable for standard Worldwide mains input voltages but are also suitable for 2 wire connection to 3-phase 4-wire systems.

The single output voltages available in this product series include 3.3V, 5V, 9V,12V, 15V and 24V. Typical output voltage accuracy is ±5% with line regulation of ±1.5% (full load) and load regulation (10-100% load) of ±2.5%, all modules have a minimum load requirement of 10%. Outputs feature low ripple & noise of 180mV max (pk-pk, 20Mhz bandwidth) and they have multiple output protections including continuous self-recovering short circuit protection and over-current protection.

These converters use a compact SIP package with dimensions of 44.5 x 24 x 13mm. The operating temperature range of these converters is -40°C to +85°C and cooling is via free air convection.

The design of LS05-26BxxSS(-F) series meet the UL62368/ EN62368 (pending)/IEC62368 standards, and input to output isolation voltage is 4000 VAC minimum. These modules offer high reliability, MTBF ≥ 300K hr's (MIL-HDBK-217F@25°C). The reliability of these devices is enhanced by a fully automated manufacturing process which ensures high precision and repeatability with the result being a more cost-effective product.

The small volume and high integration of these converters make them particularly suitable for space constrained applications including instrumentation, metering, sensors and control circuits.

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