

ORENSEN (AMETEK)

DLM 5-75

The Sorensen DLM 5-75 is a highly reliable programmable DC power supply belonging to the DLM 600W Series. Delivering up to 5 VDC and 75 A in a highly compact 1U half-rack chassis, it utilizes Zero Voltage Switching (ZVS) technology to achieve low noise and high efficiency. Designed for high-density multi-output systems or space-constrained test benches, the DLM 5-75 is available with standard RS-232 and optional LXI-compliant Ethernet or GPIB interfaces for seamless system integration.

SPECIFICATIONS

Output Ratings

Rated Output Voltage	0 - 5 VDC
Rated Output Current	0 - 75 A
Maximum Output Power	375 W

AC Input Specifications

Input Phase	Single-phase
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Physical and Mechanical

Form Factor / Rack Units	1U, Half-Rack
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Compliance and Safety

Compliance and Safety	CE Mark Compliance
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Input

Input Voltage Range	90 - 264 VAC
Input Frequency Range	47 - 63 Hz
Max Input Current	6 A RMS @ 90 VAC

Electrical

Efficiency	69% (typical at full load)
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Options

Optional GPIB Interface	M9G option
Optional RS-232 Interface	M9C option
Optional Isolated Analog Interface	M51A option (selectable 0-5V, 0-10V, or 4-20mA control)

TECHNOLOGY

Zero Voltage Switching (ZVS)

APPLICATIONS

High-density system integration, benchtop test and measurement, automated test equipment (ATE)

