

# **PMD2409PMB2-A(2).GN SUNON DC24V 9.6W axial fan**

**SKU:** PMD2409PMB2-A(2).GN

**Price:** \$13.68

**Categories:** Fans

**Tags:** SUNON

**Product Link:**

<https://www.electspares.com/product/pmd2409pmb2-a2-gn-sunon-dc24v-9-6w-axial-fan/>

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## **Product Description**

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The SUNON PMD2409PMB2-A(2).GN is a powerful DC axial fan measuring 92x92x38mm. It operates on 24 VDC, drawing 400 mA of current, with a power consumption of 9.6 W. This fan achieves a speed of 4400 RPM, providing a strong airflow of 106.3 CFM (approximately 180.6 m<sup>3</sup>/h). Its noise level is 53.8 dB(A). It features a reliable precision ball bearing system for durability and long operational life. It connects via 2 wire leads. The frame and impeller materials are thermoplastic (PBT) with a UL94V-0 flammability rating. The fan also includes automatic restart capability and is designed with a brushless DC motor. It is commonly used in demanding cooling applications such as servers, industrial control systems, power supplies, and other equipment requiring high airflow in a compact size.

PMD2409PMB2-A(2).GN Fan Parameters

Model: PMD2409PMB2-A(2).GN

Manufacturer: SUNON

Type: DC Axial Fan

Dimensions: 92x92x38 mm

Rated Voltage: 24 VDC

Operating Voltage Range: 10 to 27.6 VDC

Rated Current: 400 mA (or 0.4 A)

Current and Power Consumption Tolerance:  $\pm 15\%$

Power Consumption: 9.6 W

Speed: 4400 RPM

Speed Tolerance:  $\pm 10\%$

Airflow: 106.3 CFM (180.6 m<sup>3</sup>/h)

Static Pressure: 0.560 inH<sub>2</sub>O (139.5 Pa)

Noise Level: 53.8 dB(A)

Bearing Type: Ball Bearing (Precision ball bearing system)

Termination: 2 Wire Leads (typically 24AWG, 300mm length)

Frame Material: Polybutylene Terephthalate (PBT)

Impeller Material: Thermoplastic (PBT)

Flammability Rating: UL94V-0

Insulation Resistance: 10 MΩ minimum (at 500 VDC)

Dielectric Strength: 500 VAC for 1 minute (or 600V for 2 seconds)

Motor Design: 2 phases, 4-poles Brushless DC motor

Operating Temperature: -10 to 70°C

Storage Temperature: -40 to 70°C

Expected Life: 50,000 hours (at 25°C)

Motor Protection: Automatic Restart Capability

Weight: 190 g

Application: Servers, industrial control systems, power supplies, high-density computing equipment.

## **Product Images**

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Scan for product details:

