

# PMD2409PMB1-A.(2).GN Sunon 24VDC 92x92x38mm Axial Fan Datasheet



**Brand:** SUNON

**SKU:** 785306119810

**Category:** Axial & Centrifugal Fans

**Price:** **\$14.99**

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Product Page:

<https://www.equipspares.com/product/pmd2409pmb1-a-2-gn-sunon-24vdc-92x92x38mm-axial-fan>

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## Product Description

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The Sunon PMD2409PMB1-A.(2).GN is a high-performance DC Axial Fan engineered for demanding industrial cooling applications requiring substantial static pressure and airflow. Utilizing advanced 2-Ball Bearing technology, this unit ensures exceptional longevity and stability under continuous operation, significantly reducing thermal impedance in high-density enclosures. The aerodynamic impeller design is housed within a robust thermoplastic PBT frame, providing structural rigidity and resistance to environmental stress. Optimized for efficiency, the motor assembly delivers consistent torque while maintaining a balanced acoustic profile, making it an ideal solution for critical thermal management systems.

Model Number: PMD2409PMB1-A.(2).GN

Brand: Sunon

Product Type: DC Axial Fan

Rated Voltage: 24VDC

Voltage Range: 10.0 - 27.6 VDC

Rated Current: 0.51 A

Power Consumption: 12.2 W

Rated Speed: 4900 RPM

Bearing Type: 2-Ball Bearing

Max. Air Flow: 120.2 CFM (204.2 m<sup>3</sup>/h / 3.40 m<sup>3</sup>/min)

Max. Static Pressure: 18.03 mmH<sub>2</sub>O (176.8 Pa / 0.71 inH<sub>2</sub>O)

Dimensions: 92x92x38mm

Weight: 190.0 g

Life Expectancy: 70,000 Hours at 40°C

Noise Level: 57.6 dBA

Housing Material: Thermoplastic PBT (UL94V-0)

Impeller Material: Thermoplastic PBT (UL94V-0)

Ingress Protection: IP55 (Optional)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Termination: 2-Wire Lead (Red +, Black -)

Safety Certifications: UL, CUR, TUV, CE

Features: Auto Restart, Polarity Protection

Designed for high-static pressure environments, the PMD2409PMB1-A.(2).GN is frequently deployed in variable frequency drives, such as Schneider inverters, where reliable heat dissipation is paramount. Its robust airflow capabilities make it suitable for server rack cooling, telecommunications cabinets, and industrial power supplies. The PMD2409PMB1-A.(2).GN ensures optimal operating temperatures for sensitive electronics, preventing thermal throttling in CNC machinery and medical instrumentation.

## Supplemental Images

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