

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



**Brand:** SUNON

**SKU:** [759018956468](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$17.99**

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Product Page:

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

## Product Description

The Sunon PMD2409PMB1-A.(2).R.GN is a high-static pressure DC Axial Fan engineered for demanding thermal management applications requiring substantial airflow density. Utilizing advanced Brushless DC (BLDC) motor technology combined with a precision Dual Ball Bearing architecture, this unit ensures minimized friction and extended operational longevity under continuous high-load conditions. The aerodynamic impeller design optimizes airflow delivery while maintaining structural rigidity, effectively reducing thermal impedance in high-density electronic enclosures. Its robust construction meets rigorous industrial standards, providing reliable cooling performance for critical systems such as variable frequency drives and power inverters.

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

Brand: Sunon

Product Type: DC Axial Fan

Series: PMD (Power Motor DC)

Rated Voltage: 24VDC

Voltage Range: 10.0 - 27.6 VDC

Power Consumption: 12.20 W

Rated Current: 0.51 A

Rated Speed: 4900 RPM

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

Max. Static Pressure: 0.71 inH<sub>2</sub>O (176.8 Pa / 18.0 mmH<sub>2</sub>O)

Bearing Type: Dual Ball Bearing

Noise Level: 57.6 dBA

Dimensions: 92 x 92 x 38 mm

Weight: 190 g

Frame Material: Thermoplastic PBT (UL94V-0)

Impeller Material: Thermoplastic PBT (UL94V-0)

Ingress Protection: IP55 (Optional based on variant)

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

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Life Expectancy: 70,000 Hours at 40°C

Safety Approvals: UL, CUR, TUV, CE

Motor Protection: Impedance Protected, Reverse Polarity Protection

This high-performance cooling solution is specifically calibrated for industrial automation equipment, including variable frequency drives and heavy-duty power inverters. The PMD2409PMB1-A.(2).R.GN is frequently deployed in server rack enclosures, telecommunications cabinets, and CNC machinery where consistent thermal regulation is paramount. Additionally, the PMD2409PMB1-A.(2).R.GN serves as a critical replacement component for the Schneider ATV71 inverter series, ensuring optimal operating temperatures for sensitive power electronics in harsh manufacturing environments.

## Supplemental Images

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