

PMD2406PMB1-A.(2).GN SUNON 24VDC 60x60x38mm Axial Fan Datasheet



Brand: SUNON

SKU: [842784280901](#)

Category: Axial & Centrifugal Fans

Price: **\$18.99**

E-mail: sales@equipspares.com

Web: <https://www.equipspares.com>

Product Page:

<https://www.equipspares.com/product/pmd2406pmb1-a-2-gn-sunon-24vdc-60x60x38mm-axial-fan>

Product Description

SUNON PMD2406PMB1-A.(2).GN is a 24VDC 60x60x38mm Axial Fan optimized for high-density thermal management in industrial power electronics. This DC axial fan utilizes a high-performance motor drawing 10.3W to overcome significant system impedance in restricted enclosures. Featuring a dual ball bearing architecture and a reinforced PBT plastic frame, the design ensures structural rigidity and long-term reliability under continuous operation. With a rated speed of approximately 8000 RPM and a current draw of 0.43A, it delivers exceptional static pressure to maintain low thermal impedance in critical components. This model is engineered for maximum airflow efficiency in demanding environments like variable frequency drives.

Model Number: PMD2406PMB1-A.(2).GN

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Product Type: DC Axial Fan

Rated Voltage: 24 VDC

Voltage Range: 10.0 - 27.6 VDC

Rated Current: 0.43 A

Power: 10.3 W

Rated Speed: 8000 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 56.5 CFM (96.0 m³/h / 1.60 m³/min)

Max. Static Pressure: 1.07 inH₂O (266.5 Pa / 27.18 mmH₂O)

Dimensions: 60 x 60 x 38 mm

Weight: 90 g

Life Expectancy: 70000 hours at 40 °C

Noise Level: 56.0 dB(A)

Housing Material: Thermoplastic PBT (UL94V-0)

Blade Material: Thermoplastic PBT (UL94V-0)

Termination: 2 Lead Wires

Operating Temperature: -10 to +70 °C

Storage Temperature: -40 to +70 °C

Insulation Class: Class A

Protection Features: Auto Restart, Polarity Protection

PMD2406PMB1-A.(2).GN Applications

1. VFD Control Cabinets: High static pressure allows for efficient heat dissipation through densely packed power modules and heat sinks.
2. 2U Rackmount Servers: The 38mm depth and high RPM profile are ideal for overcoming the high impedance of compact server chassis as a replacement fan.
3. Industrial Power Supplies: Provides critical cooling for high-wattage components where low-vibration and high-velocity airflow are required for stability.

Supplemental Images

