

PMD2412PMB2-A.(2).GN Sunon 24VDC 120x120x38mm 13.7W Axial Fan Datasheet



Brand: SUNON

SKU: [962113259330](#)

Category: Axial & Centrifugal Fans

Price: **\$16.99**

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/pmd2412pmb2-a-2-gn-sunon-24vdc-120x120x38mm-13-7w-axial-fan>

Product Description

The Sunon PMD2412PMB2-A.(2).GN is a robust Axial Fan engineered for high-static pressure industrial environments. Utilizing advanced DC motor technology coupled with a precision 2 Ball Bearing system, this unit ensures exceptional longevity and reduced thermal impedance under continuous load. The aerodynamic impeller design optimizes airflow efficiency, delivering substantial cooling performance while maintaining structural rigidity. Designed for demanding thermal management, it features a thermoplastic PBT housing that meets UL94V-0 flammability standards, ensuring safety and reliability in critical power electronics and automation applications. The fan is specifically balanced to minimize vibration, making it an ideal solution for equipment requiring stable and consistent air movement.

Model Number: PMD2412PMB2-A.(2).GN

Brand: Sunon

Product Type: DC Axial Fan

Rated Voltage: 24 VDC

Voltage Range: 10.0 - 27.6 VDC

Rated Current: 0.57 A

Power: 13.7 W

Rated Speed: 3800 RPM

Bearing Type: 2 Ball Bearing

Max. Air Flow: 170.0 CFM (288.8 m³/h / 4.81 m³/min)

Max. Static Pressure: 13.72 mmH₂O (134.5 Pa / 0.54 inH₂O)

Dimensions: 120 x 120 x 38 mm

Weight: 330 g

Life Expectancy: 70,000 Hours at 40°C

Noise Level: 54.0 dB(A)

Housing Material: Thermoplastic PBT (UL94V-0)

Impeller Material: Thermoplastic PBT (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Termination: 2 Lead Wires (UL1007, 24AWG)

Ingress Protection: IP55 (Optional configuration)

Safety Certifications: UL, CUR, TUV, CE

Protection Features: Auto Restart, Polarity Protection

This high-performance cooling solution is specifically engineered for thermal regulation in industrial automation and power conversion systems. The PMD2412PMB2-A.(2).GN is frequently integrated into variable frequency drives (VFDs), server racks, and heavy-duty electrical cabinets where consistent airflow is critical. Additionally, the PMD2412PMB2-A.(2).GN serves as a reliable component in telecommunications equipment and CNC machinery, effectively dissipating heat generated by high-density electronic components to prevent thermal throttling and system failure.

Supplemental Images

