

# YM1212PMB1 Yimeng 12VDC 120x120x38mm 0.65A Axial Fan Datasheet



SKU: [725469491346](#)

Category: Axial & Centrifugal Fans

Price: **\$12.99**

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Product Page:

<https://www.equipspares.com/product/ym1212pmb1-yimeng-12vdc-120x120x38mm-0-65a-axial-fan>

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## Product Description

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The Yimeng YM1212PMB1 is a robust industrial axial fan engineered for high-demand thermal management applications requiring significant airflow and static pressure. Built upon a durable DC motor platform and reinforced with precision double ball bearings, this unit offers superior structural rigidity and reduced rotational friction, ensuring reliable operation over an extended service life. The 120x120x38mm form factor allows for a larger impeller blade pitch, optimizing aerodynamic efficiency to overcome high system impedance in dense electronic enclosures. With a power rating of 7.8W, the YM1212PMB1 delivers aggressive cooling performance, making it an ideal solution for critical hardware requiring consistent heat dissipation and thermal stability.

Model Number: YM1212PMB1

Brand: Yimeng

Product Type: Axial Fan

Rated Voltage: 12VDC

Voltage Range: 10.2 - 13.8 VDC

Rated Current: 0.65 A

Power: 7.80 W

Rated Speed: 3000 RPM

Bearing Type: Double Ball Bearing

Max. Air Flow: 108.0 CFM (183.5 m<sup>3</sup>/h)

Max. Static Pressure: 8.50 mmH<sub>2</sub>O (83.3 Pa)

Dimensions: 120 x 120 x 38 mm

Weight: 280 g

Life Expectancy: 50,000 Hours at 40°C

Housing Material: PBT (UL94V-0)

Impeller Material: PBT (UL94V-0)

Termination: Lead Wires

Mounting Orientation: Any

Operating Temperature: -10°C to +70°C

The YM1212PMB1 is specifically designed for integration into high-density equipment such as server racks, telecommunications cabinets, and industrial automation control panels where back-pressure is a concern. Its 38mm thickness allows for higher static pressure generation, making it suitable for forcing air through restrictive heatsinks or dense filter arrays in CNC machinery and power supply units. The YM1212PMB1 ensures critical components remain within safe thermal operating limits, preventing throttling and hardware failure in continuous-duty environments.

## Supplemental Images

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