

# MF6025VX-1000C-A99 Sunon 24VDC 60x60x25mm MagLev Axial Fan Datasheet



**Brand:** SUNON

**SKU:** [818191569065](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$11.99**

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Product Page:

<https://www.equipspares.com/product/mf6025vx-1000c-a99-sunon-24vdc-60x60x25mm-maglev-axial-fan>

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## Product Description

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The Sunon MF6025VX-1000C-A99 is a DC Axial Fan engineered for precision thermal management in industrial electronics. Utilizing Sunon's proprietary MagLev motor technology, this unit features a Vapo bearing system that magnetically levitates the rotor to eliminate frictional contact, significantly extending operational lifespan and reducing noise profiles. The 60x60x25mm frame is constructed from reinforced thermoplastic PBT, offering superior structural rigidity and resistance to environmental stress. Designed with optimized blade geometry, it delivers high airflow density while maintaining low thermal impedance, making it an ideal solution for continuous duty applications requiring reliable heat dissipation.

Model Number: MF6025VX-1000C-A99

Brand: Sunon

Product Type: DC Axial Fan

Rated Voltage: 24VDC

Voltage Range: 12.0 - 27.6 VDC

Rated Current: 0.085 A

Power: 2.04 W

Rated Speed: 5200 RPM

Bearing Type: Vapo (MagLev)

Max. Air Flow: 27.0 CFM (45.87 m<sup>3</sup>/h / 0.76 m<sup>3</sup>/min)

Max. Static Pressure: 7.11 mmH<sub>2</sub>O (69.74 Pa / 0.28 inH<sub>2</sub>O)

Dimensions: 60x60x25mm

Weight: 45.0 g

Life Expectancy: 70000 Hours @ 40°C

Noise Level: 36.0 dBA

Housing Material: Thermoplastic PBT (UL94V-0)

Blade Material: Thermoplastic PBT (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Termination: 2 Lead Wires (UL1007, 26AWG)

Ingress Protection: IP51

Safety Approvals: UL, CUR, TUV, CE

Protection: Auto Restart, Polarity Protection

The MF6025VX-1000C-A99 is extensively utilized in compact electronic enclosures where space and reliability are critical factors. Common deployment environments include server rack cooling modules, industrial power supply units, and network telecommunications equipment. The MF6025VX-1000C-A99 also serves effectively in medical instrumentation and automation control panels, ensuring stable operating temperatures for sensitive components. Its robust MagLev design makes it suitable for 24/7 operation in CNC machinery and projection systems.

## Supplemental Images

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