

MF60101V1-10000-G99 Sunon 12VDC 60x60x10mm MagLev Axial Fan Datasheet



Brand: SUNON

SKU: [963645345227](#)

Category: Axial & Centrifugal Fans

Price: **\$9.99**

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Product Page:

<https://www.equipspares.com/product/mf60101v1-10000-g99-sunon-12vdc-60x60x10mm-maglev-axial-fan>

Product Description

The Sunon MF60101V1-10000-G99 is a DC Axial Fan engineered for high-density electronic cooling applications requiring a compact footprint. Utilizing Sunon's proprietary MagLev (Magnetic Levitation) Vapo bearing technology, this unit eliminates physical contact between the shaft and bearing, significantly reducing mechanical friction, noise, and vibration while extending operational lifespan. The aerodynamic impeller design optimizes airflow while maintaining structural rigidity, ensuring consistent thermal performance under continuous load. With a rated power of 1.42W, this 60mm fan delivers efficient heat dissipation, minimizing thermal impedance in restricted enclosures where space is at a premium.

Model Number: MF60101V1-10000-G99

Brand: Sunon

Product Type: DC Axial Fan

Rated Voltage: 12 VDC

Voltage Range: 4.5 - 13.8 VDC

Rated Current: 0.118 A

Power: 1.42 W

Rated Speed: 4800 RPM

Bearing Type: MagLev Vapo Bearing

Max. Air Flow: 17.5 CFM (29.7 m³/h / 0.49 m³/min)
Max. Static Pressure: 3.56 mmH₂O (34.9 Pa / 0.14 inH₂O)
Dimensions: 60 x 60 x 10 mm
Weight: 22.0 g
Life Expectancy: 60,000 Hours at 40°C
Noise Level: 32.5 dB(A)
Speed Control: 3-Wire (Tachometer/Frequency Generator)
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
Ingress Protection: IP5X (Dust Protected)
Insulation Class: Class A
Safety Certifications: UL, CUR, TUV
Lead Wire: UL1007, 26 AWG

Designed for precision thermal management, the MF60101V1-10000-G99 is widely utilized in compact computer chassis, server rack cooling modules, and industrial automation equipment. Its slim 10mm profile allows for seamless integration into space-constrained devices such as network switches, projectors, and medical instrumentation. The MF60101V1-10000-G99 ensures reliable operation in continuous duty cycles, making it an ideal solution for telecommunications hardware and power supply cooling requirements.

Supplemental Images

