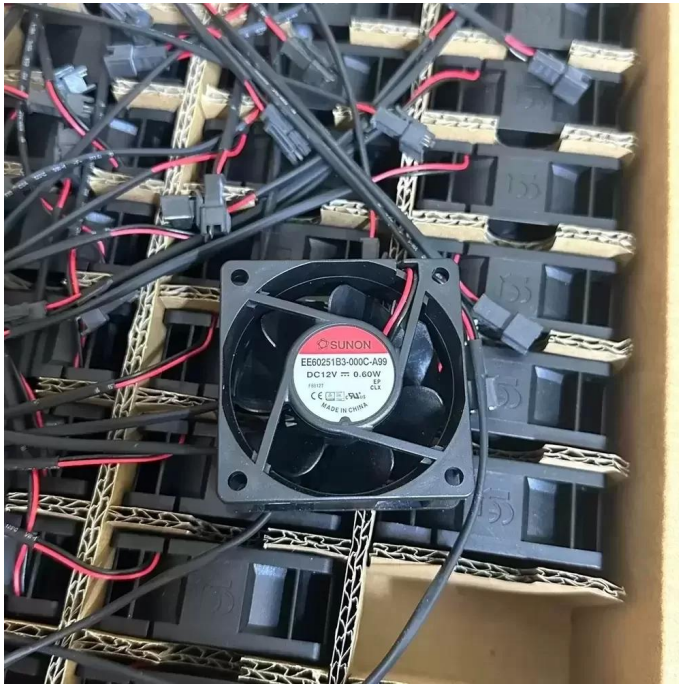


EE60251B3-000C-A99 SUNON 12VDC 60x60x25mm 0.60W Axial Fan Datasheet



Brand: SUNON

SKU: [941022907032](#)

Category: Axial & Centrifugal Fans

Price: **\$13.99**

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/ee60251b3-000c-a99-sunon-12vdc-60x60x25mm-0-60w-axial-fan>

Product Description

The SUNON EE60251B3-000C-A99 is a precision-engineered DC axial fan designed for applications requiring a balance between thermal efficiency and acoustic performance. Utilizing SUNON's advanced motor technology and a robust 2-Ball bearing architecture, this unit delivers consistent airflow while maintaining an exceptionally low noise profile of 16 dBA. The 0.60W power rating indicates a highly efficient electromagnetic design, minimizing heat generation within the motor hub itself. Constructed with a durable thermoplastic PBT housing, the fan ensures structural rigidity and resistance to environmental stress. Its aerodynamic impeller geometry is optimized to reduce turbulence and improve thermal impedance in compact electronic enclosures.

Model Number: EE60251B3-000C-A99

Brand: SUNON

Product Type: DC Axial Fan

Rated Voltage: 12 VDC

Voltage Range: 4.5 - 13.8 VDC

Rated Current: 0.050 A

Power Consumption: 0.60 W

Rated Speed: 3000 RPM \pm 15%

Bearing Type: 2-Ball Bearing

Max. Air Flow: 13.8 CFM (23.4 m³/h / 0.39 m³/min)

Max. Static Pressure: 0.10 inH₂O (2.54 mmH₂O / 24.9 Pa)

Noise Level: 16.0 dB(A)

Dimensions: 60 x 60 x 25 mm

Weight: 45.0 g

Frame Material: Thermoplastic PBT (UL94V-0)

Impeller Material: Thermoplastic PBT (UL94V-0)

Ingress Protection: IP Class Standard

Insulation Class: Class A

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Termination: Lead Wires (UL1007, 26AWG)

Direction of Rotation: Counter-clockwise

Motor Protection: Impedance Protected, Reverse Polarity

Life Expectancy: 70,000 Hours at 40°C

The EE60251B3-000C-A99 is engineered for critical low-noise environments such as medical instrumentation, home automation systems, and precision laboratory equipment. Its compact 60mm footprint allows for seamless integration into tight chassis spaces found in network switches and small form-factor power supplies. Industrial designers frequently specify the EE60251B3-000C-A99 for telecommunications gear where long-term reliability and silent operation are paramount, ensuring continuous cooling without contributing to ambient noise pollution.