

# PE60252BX-000C-A99 Sunon 24VDC 60x60x25mm 4.44W Axial Fan Datasheet



**Brand:** SUNON

**SKU:** 681304131429

**Category:** Axial & Centrifugal Fans

**Price:** \$19.99

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**E-mail:** [sales@equipspares.com](mailto:sales@equipspares.com)

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

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Product Page:

<https://www.equipspares.com/product/pe60252bx-000c-a99-sunon-24vdc-60x60x25mm-4-44w-axial-fan>

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## Product Description

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The Sunon PE60252BX-000C-A99 is a high-performance DC Axial Fan engineered for critical thermal management in industrial and electronic systems. Featuring a robust 2-Ball Bearing architecture, this 60mm unit ensures exceptional rotational stability and extended service life under continuous duty cycles. The fan utilizes an advanced DC brushless motor design to deliver high static pressure, making it highly effective for cooling high-density component clusters. Its aerodynamic impeller and durable thermoplastic housing are optimized to reduce thermal impedance while maintaining structural rigidity, providing a reliable cooling solution for precision instrumentation and power conversion equipment.

Model Number: PE60252BX-000C-A99

Brand: Sunon

Product Type: DC Axial Fan

Rated Voltage: 24VDC

Voltage Range: 10.0 - 27.6 VDC

Rated Current: 0.185 A

Power Consumption: 4.44 W

Rated Speed: 6900 RPM  $\pm$  15%

Bearing Type: 2-Ball Bearing

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

Max. Static Pressure: 0.42 inH<sub>2</sub>O (104.5 Pa)

Dimensions: 60 x 60 x 25 mm

Weight: 75 g

Noise Level: 45.0 dB(A)

Frame Material: Thermoplastic PBT (UL94V-0)

Impeller Material: Thermoplastic PBT (UL94V-0)

Ingress Protection: IP5X (Dust Protected)

Insulation Class: Class A

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Termination: 2-Wire (Red +, Black -)

Wire Gauge: 24 AWG

Life Expectancy: 70,000 Hours at 40°C

Safety Certifications: UL, CUR, TUV, CE

Motor Protection: Impedance Protected, Reverse Polarity Protection

The PE60252BX-000C-A99 is widely deployed in industrial automation sectors, specifically for cooling variable frequency drives (VFDs) and compact server chassis. Its high static pressure capabilities make the PE60252BX-000C-A99 ideal for forcing air through dense heat sinks in power supplies and telecommunications rectifiers. Furthermore, this model is suitable for medical devices and CNC machinery control panels where consistent thermal regulation is mandatory for system reliability.

## Supplemental Images

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