

# EB60251S1-Q010-F99 SUNON 12VDC 60x60x25mm MagLev Axial Fan Datasheet



**Brand:** SUNON

**SKU:** [987795907587](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$14.99**

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Product Page:

<https://www.equipspares.com/product/eb60251s1-q010-f99-sunon-12vdc-60x60x25mm-maglev-axial-fan>

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## Product Description

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The SUNON EB60251S1-Q010-F99 is a precision-engineered DC axial fan designed for critical thermal management applications requiring superior reliability and acoustic performance. Utilizing SUNON's proprietary MagLev (Magnetic Levitation) Vapo bearing technology, this unit eliminates physical contact between the shaft and bearing, significantly reducing friction, vibration, and noise while extending operational lifespan. The 60mm frame is constructed from reinforced thermoplastic to ensure structural rigidity under thermal stress. Optimized blade geometry enhances airflow efficiency, lowering thermal impedance in dense electronic enclosures. With a rated power of 1.56W, the EB60251S1-Q010-F99 delivers consistent cooling performance, making it an ideal solution for systems demanding long-term stability and minimal maintenance intervention.

Model Number: EB60251S1-Q010-F99

Brand: SUNON

Product Type: DC Axial Fan

Series: EB Series

Rated Voltage: 12 VDC

Voltage Range: 6.0 - 13.8 VDC

Rated Current: 0.13 A

Power Consumption: 1.56 W

Rated Speed: 4500 RPM

Bearing Type: MagLev (Vapo Bearing)  
Max. Air Flow: 23.5 CFM (39.9 m<sup>3</sup>/h / 0.66 m<sup>3</sup>/min)  
Max. Static Pressure: 0.21 inH<sub>2</sub>O (5.33 mmH<sub>2</sub>O / 52.2 Pa)  
Dimensions: 60 x 60 x 25 mm  
Weight: 57.0 g  
Life Expectancy: 70,000 Hours at 40°C  
Noise Level: 33.5 dB(A)  
Frame Material: Thermoplastic PBT (UL94V-0)  
Impeller Material: Thermoplastic PBT (UL94V-0)  
Ingress Protection: IP Class Available upon request  
Insulation Class: Class A  
Operating Temperature: -10°C to +70°C  
Storage Temperature: -40°C to +70°C  
Termination: 3-Wire Lead (UL1007 #26AWG)  
Speed Control: R-Type (Rotation Detector/Sensor)  
Safety Certifications: UL, CUR, TUV, CE  
Motor Protection: Auto Restart / Polarity Protection  
Dielectric Strength: 500 VAC for 1 Minute

This cooling solution is engineered for high-density electronic environments such as server racks, network switches, and telecommunications equipment where space is limited but heat dissipation is critical. The EB60251S1-Q010-F99 is frequently integrated into medical instrumentation and industrial automation control panels due to its low-noise profile and magnetic levitation durability. Additionally, the EB60251S1-Q010-F99 serves as a reliable component in power supply units and projection equipment, ensuring continuous operation by effectively mitigating thermal buildup in compact chassis designs.

## Supplemental Images

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