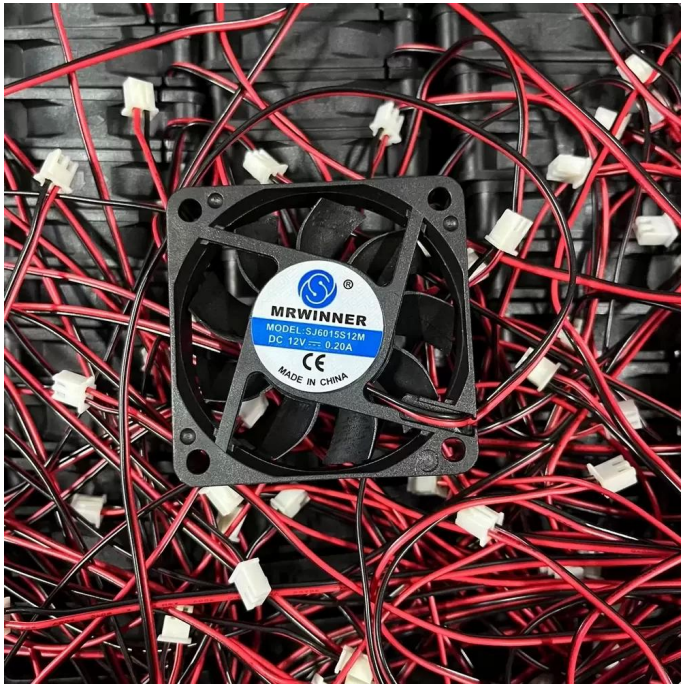


# SJ6015S12M MRWINNER 12VDC 60x60x15mm Cooling Axial Fan Datasheet



SKU: [944078494126](#)

Category: Axial & Centrifugal Fans

Price: **\$9.99**

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Product Page:

<https://www.equipspares.com/product/sj6015s12m-mrwinner-12vdc-60x60x15mm-cooling-axial-fan>

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## Product Description

The MRWINNER SJ6015S12M is a precision-engineered DC axial fan designed for efficient thermal management in compact electronic enclosures. Utilizing a brushless DC motor architecture, this unit optimizes electromagnetic efficiency while minimizing commutation noise. The 60x60x15mm frame houses an impeller with advanced blade geometry, specifically calculated to balance static pressure against airflow requirements, ensuring effective heat dissipation through dense component arrays. Constructed with high-grade thermoplastic materials, the chassis offers superior structural rigidity and thermal impedance resistance. The bearing system is calibrated for reliable rotational stability, making it an ideal solution for power supply units requiring consistent air exchange under continuous operation.

Model Number: SJ6015S12M

Brand: MRWINNER

Product Type: DC Axial Fan

Rated Voltage: 12VDC

Voltage Range: 10.2 - 13.8 VDC

Rated Current: 0.20 A

Power Consumption: 2.40 W

Rated Speed: 4200 RPM

Bearing Type: Sleeve Bearing

Max. Air Flow: 20.50 CFM (34.83 m<sup>3</sup>/h / 0.58 m<sup>3</sup>/min)

Max. Static Pressure: 3.80 mmH<sub>2</sub>O (37.26 Pa / 0.15 inH<sub>2</sub>O)

Dimensions: 60x60x15mm

Weight: 35 g

Noise Level: 31.0 dBA

Housing Material: PBT Thermoplastic (UL94V-0)

Impeller Material: PBT Thermoplastic (UL94V-0)

Termination: 2-Wire Lead (Red/Black)

Wire Length: 250mm

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Life Expectancy: 30,000 Hours at 25°C

Motor Protection: Impedance Protected

Polarity Protection: Reverse Polarity Protected

The SJ6015S12M is engineered for integration into compact power supply units and small-form-factor electronic assemblies where space is at a premium. Its profile makes it suitable for rack-mounted server chassis, network switches, and industrial automation controllers requiring active cooling. Additionally, the SJ6015S12M serves effectively in 3D printer control boxes and LED lighting drivers, providing the necessary airflow to prevent thermal throttling in critical semiconductor components.

## Supplemental Images

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