

YY6015M24S SNOWFAN 24VDC 60x60x15mm 3-Wire Axial Fan Datasheet



Brand: SNOWFAN

SKU: [836096127956](#)

Category: Axial & Centrifugal Fans

Price: **\$11.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/yy6015m24s-snowfan-24vdc-60x60x15mm-3-wire-axial-fan>

Product Description

The SNOWFAN YY6015M24S is a precision-engineered DC Axial Fan designed for applications requiring efficient thermal management within a compact footprint. Utilizing advanced DC motor technology, this unit delivers consistent airflow while maintaining low power consumption. The rotor assembly is supported by a durable Sleeve Bearing architecture, optimized to reduce friction and noise generation, thereby enhancing the overall acoustic profile. Its aerodynamic blade design minimizes turbulence, ensuring effective heat dissipation and lower thermal impedance in restricted spaces. Constructed with structural rigidity in mind, the YY6015M24S ensures reliable operation in industrial environments, making it a robust solution for electronic component cooling and system ventilation.

Model Number: YY6015M24S

Brand: SNOWFAN (Yinyan)

Product Type: DC Axial Fan

Rated Voltage: 24VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.14 A

Power Consumption: 3.36 W

Rated Speed: 4500 RPM

Bearing Type: Sleeve Bearing

Max. Air Flow: 23.5 CFM (39.9 m³/h / 0.66 m³/min)
Max. Static Pressure: 4.2 mmH₂O (41.1 Pa / 0.16 inH₂O)
Dimensions: 60x60x15mm
Weight: 45 g
Life Expectancy: 30,000 Hours at 25°C
Noise Level: 34.0 dBA
Termination: 3-Wire (Lead Wire)
Speed Control: Tachometer Output (FG Signal)
Housing Material: PBT Thermoplastic (UL94V-0)
Blade Material: PBT Thermoplastic (UL94V-0)
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Insulation Resistance: >10M Ohm at 500VDC
Dielectric Strength: 500VAC for 1 Minute
Motor Protection: Impedance Protected
Mounting Orientation: Vertical or Horizontal

The YY6015M24S is engineered for integration into diverse industrial and commercial electronic systems where space is at a premium but airflow cannot be compromised. Common deployment sectors include telecommunications equipment, small-scale server racks, and power supply units requiring active cooling. Additionally, the YY6015M24S is frequently utilized in medical instrumentation and automation control panels to maintain optimal operating temperatures for sensitive components. Its compact profile allows it to fit seamlessly into CNC machinery controllers and network switchgear, ensuring longevity and reliability for critical hardware.

Supplemental Images

