

9SG1212P1G06 Sanyo Denki 12VDC 120x120x38mm PWM Axial Fan Datasheet



Brand: Sanyo Denki

SKU: [988984787135](#)

Category: Axial & Centrifugal Fans

Price: **\$15.99**

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Product Page:

<https://www.equipspares.com/product/9sg1212p1g06-sanyo-denki-12vdc-120x120x38mm-pwm-axial-fan>

Product Description

The Sanyo Denki 9SG1212P1G06 is a high-performance DC axial fan engineered for industrial environments requiring exceptional thermal management and structural rigidity. Part of the renowned San Ace 120 series, this unit features a durable aluminum alloy frame that provides superior stability and heat dissipation properties compared to standard plastic housings. The motor architecture incorporates a robust dual ball bearing system designed to sustain high rotational speeds and ensure longevity under continuous operation. With its advanced 9-blade impeller design and PWM speed control capabilities, the fan delivers a high-density airflow profile while allowing for precise thermal regulation, making it an optimal solution for systems with high thermal impedance.

Model Number: 9SG1212P1G06

Brand: Sanyo Denki

Product Type: DC Axial Fan

Rated Voltage: 12VDC

Rated Current: 4.0 A

Power Consumption: 42.0 W

Rated Speed: 14000 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 260.0 CFM (7.36 m³/min)

Max. Static Pressure: 290.0 Pa (1.16 inH₂O)

Dimensions: 120x120x38mm

Frame Material: Aluminum Alloy

Blade Design: 9 Blades

Speed Control: 4-Wire PWM

Ingress Protection: Waterproof Design

Termination: Lead Wires

Operating Temperature: -10°C to +70°C

Life Expectancy: 40,000 Hours (at 60°C)

Mounting Orientation: Any

The 9SG1212P1G06 is specifically designed for mission-critical applications where reliability and airflow pressure are non-negotiable. It is frequently deployed in high-density server racks, telecommunications cabinets, and industrial power supply units that generate significant heat loads. The robust aluminum construction of the 9SG1212P1G06 also makes it suitable for harsh industrial automation environments, such as CNC machinery and outdoor enclosures, where resistance to environmental factors and vibration is essential for maintaining system integrity.

Supplemental Images

