

9G1212P1G061 Sanyo Denki 12VDC 120x120x38mm PWM Axial Fan Datasheet



Brand: Sanyo Denki

SKU: [747010050811](#)

Category: Axial & Centrifugal Fans

Price: **\$72.99**

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Product Page:

<https://www.equipspares.com/product/9g1212p1g061-sanyo-denki-12vdc-120x120x38mm-pwm-axial-fan>

Product Description

The Sanyo Denki 9G1212P1G061 is a precision-engineered DC axial fan designed for critical thermal management applications requiring high static pressure and consistent airflow. Part of the renowned San Ace 120 series, this unit features a robust thermoplastic housing and a dual ball bearing system that ensures low thermal impedance and exceptional longevity under continuous operation. The aerodynamic impeller design optimizes air intake while minimizing turbulence, providing superior cooling efficiency. With integrated PWM speed control, the 9G1212P1G061 allows for dynamic modulation of rotational speed, balancing acoustic performance with necessary heat dissipation, making it an ideal solution for high-density electronic enclosures and industrial machinery.

Model Number: 9G1212P1G061

Brand: Sanyo Denki

Product Type: DC Axial Fan

Series: San Ace 120 (9G Type)

Rated Voltage: 12 VDC

Voltage Range: 10.2 - 13.8 VDC

Rated Current: 0.83 A

Power Consumption: 9.96 W

Rated Speed: 3600 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 116.0 CFM (197.0 m³/h / 3.28 m³/min)

Max. Static Pressure: 11.2 mmH₂O (110 Pa / 0.44 inH₂O)

Dimensions: 120 x 120 x 38 mm

Weight: 290 g

Life Expectancy: 40,000 Hours @ 60°C

Speed Control: PWM (Pulse Width Modulation)

Termination: 4-Wire Lead (Red +, Black -, Yellow Sensor, Brown PWM)

Noise Level: 46 dB(A)

Frame Material: Plastic (UL94V-0)

Impeller Material: Plastic (UL94V-0)

Operating Temperature: -20°C to +70°C

Storage Temperature: -30°C to +70°C

Protection: Locked Rotor Protection, Reverse Polarity Protection

Dielectric Strength: 50/60 Hz, 500 VAC, 1 minute

Insulation Resistance: 10 MΩ or more at 500 VDC

This high-performance cooling solution is specifically engineered for demanding telecommunications equipment, including the Motorola XIR R8200 repeater systems where reliability is paramount. The 9G1212P1G061 excels in server rack environments, network switching gear, and industrial automation cabinets requiring sustained airflow. By integrating the 9G1212P1G061 into power supply units and medical instrumentation, operators ensure optimal thermal stability, preventing component degradation in 24/7 operational cycles.

Supplemental Images

