

9G0648P4S005 Sanyo Denki 48VDC 60x60x25mm PWM Axial Fan Datasheet



Brand: Sanyo Denki

SKU: [680119347683](#)

Category: Axial & Centrifugal Fans

Price: **\$21.99**

E-mail: sales@equipspares.com

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<https://www.equipspares.com/product/9g0648p4s005-sanyo-denki-48vdc-60x60x25mm-pwm-axial-fan>

Product Description

The Sanyo Denki 9G0648P4S005 is a precision-engineered Axial Fan designed for high-reliability industrial cooling applications within the San Ace 60 series. This unit utilizes advanced DC motor technology paired with a dual ball bearing architecture to ensure exceptional longevity and reduced mechanical friction under continuous operation. The aerodynamic impeller design optimizes airflow efficiency while maintaining structural rigidity, effectively managing thermal impedance in dense electronic enclosures. Featuring Pulse Width Modulation (PWM) speed control, it allows for dynamic thermal regulation, balancing acoustic performance with cooling demand. The robust frame construction meets UL94V-0 flammability standards, making it suitable for critical telecommunications and automation environments requiring stable static pressure and consistent air volume.

Model Number: 9G0648P4S005

Brand: Sanyo Denki (San Ace)

Product Type: DC Axial Fan

Rated Voltage: 48 VDC

Voltage Range: 40.8 - 55.2 VDC

Rated Current: 0.18 A

Rated Input Power: 8.64 W

Rated Speed: 10500 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 37.8 CFM (1.07 m³/min)

Max. Static Pressure: 210 Pa (21.4 mmH₂O / 0.84 inH₂O)

Dimensions: 60x60x25 mm

Weight: 110 g

Life Expectancy: 40,000 Hours (60°C) / 70,000 Hours (40°C)

Speed Control: PWM (Pulse Width Modulation)

Sensor: Pulse Sensor (Tachometer)

Noise Level: 48 dB(A)

Frame Material: Plastics (Flammability: UL94V-0)

Impeller Material: Plastics (Flammability: UL94V-0)

Operating Temperature: -20°C to +70°C

Storage Temperature: -30°C to +70°C

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

Protection: Locked Rotor Burnout Protection, Reverse Polarity Protection

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

The 9G0648P4S005 is specifically engineered for high-density industrial environments such as inverter cabinets, server racks, and telecommunications power supplies where reliable thermal management is critical. Its compact 60mm form factor allows for integration into tight spaces within CNC machinery controllers and medical diagnostic equipment, ensuring components remain within safe operating temperatures. The 9G0648P4S005 excels in applications requiring variable speed control via PWM to adjust cooling performance based on real-time system load, making it ideal for smart automation systems and network switches.

Supplemental Images

