

9GA0848P1S61 Sanyo Denki 48VDC 80x80x38mm PWM Axial Fan Datasheet



Brand: Sanyo Denki

SKU: 892576084838

Category: Axial & Centrifugal Fans

Price: **\$34.99**

E-mail: sales@equipspares.com

Web: <https://www.equipspares.com>

Product Page:

<https://www.equipspares.com/product/9ga0848p1s61-sanyo-denki-48vdc-80x80x38mm-pwm-axial-fan>

Product Description

The Sanyo Denki 9GA0848P1S61 is a high-efficiency DC axial fan from the renowned San Ace 80 GA series, engineered for applications requiring substantial airflow and static pressure within a compact footprint. This unit utilizes advanced motor technology and a dual ball bearing architecture to ensure long-term reliability and reduced mechanical friction. The aerodynamic impeller design optimizes air displacement while maintaining structural rigidity under high-speed operation. With integrated PWM speed control, the fan allows for precise thermal management, adjusting rotational speed based on system temperature to balance cooling performance with energy consumption and acoustic output. Its robust construction ensures consistent operation in demanding industrial environments where thermal impedance must be minimized.

Model Number: 9GA0848P1S61

Brand: Sanyo Denki

Product Series: San Ace 80 GA Type

Product Type: DC Axial Fan

Rated Voltage: 48 VDC

Operating Voltage Range: 40.8 - 55.2 VDC

Rated Current: 0.25 A

Rated Power: 12.0 W

Rated Speed: 9550 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 76.6 CFM (2.17 m³/min)

Max. Static Pressure: 11.42 mmH₂O (280 Pa / 1.12 inH₂O)

Dimensions: 80 x 80 x 38 mm

Weight: 160 g

Noise Level: 56 dB(A)

Life Expectancy: 40,000 Hours at 60°C (L10)

Speed Control: PWM Control

Sensor Output: Pulse Sensor (Tachometer)

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

Protection: Current Blocking Function, Reverse Polarity Protection

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

The 9GA0848P1S61 is specifically designed for high-density electronic enclosures and industrial machinery where space is at a premium but heat dissipation cannot be compromised. Common deployment scenarios include server racks, telecommunications power supplies, and CNC control cabinets. The 9GA0848P1S61 ensures critical components remain within safe operating temperatures, preventing thermal throttling in continuous-duty equipment.