

9GV1248P1J01 Sanyo Denki 48V 120x120x38mm DC Axial Fan

SKU: 9GV1248P1J01

Price: \$49.99

Categories: Fans

Tags: Sanyo Denki

Product Link:

<https://www.electspares.com/product/9gv1248p1j01-sanyo-denki-48v-120x120x38mm-dc-axial-fan/>

Product Description

The Sanyo Denki 9GV1248P1J01 is a high-performance 48VDC axial fan with dimensions of 120 x 120 x 38 mm, specifically engineered for intensive thermal management in high-density industrial systems and ICT infrastructure. As part of the San Ace 120 series, this cooling solution features a robust plastic frame and a specialized 7-blade high-efficiency impeller (UL 94V-1), optimized for superior aerodynamic throughput and industry-leading static pressure. It operates at a rated speed of 6,400 min⁻¹, delivering a maximum air flow of 224 CFM (381 m³/h) and an exceptional static pressure of 1.45 inH₂O (360 Pa). Equipped with a precision dual ball bearing system and PWM control functionality, the 9GV1248P1J01 ensures a reliable service life of 70,000 hours at 40 °C. This model is characterized by its high power density and integrated speed monitoring, making it a critical component for high-end server racks, telecommunications rectifiers, and large-scale industrial frequency converters.

9GV1248P1J01 Fan Parameters

Manufacturer: Sanyo Denki

Model Number: 9GV1248P1J01

Type: DC Axial Fan

Series: San Ace 120

Dimensions: 120 x 120 x 38 mm

Weight: 360 g

Frame Material: Plastic

Impeller Material: Plastics (UL 94V-1)

Bearing Type: Dual Ball Bearing

Number of Blades: 7

Rated Voltage: 48 VDC

Operating Voltage Range: 40.8 – 55.2 VDC

Rated Current: 0.75 A

Rated Input Power: 36.0 W

Rated Speed: 6,400 min⁻¹ (RPM)

Max. Air Flow: 224 CFM (381 m³/h / 6.35 m³/min)

Max. Static Pressure: 1.45 inH₂O (360 Pa / 36.7 mmH₂O)

Sound Pressure Level: 64 dB(A)

Termination: 4 Lead Wires (300 mm)

Wire Functions: Red (+), Black (-), Yellow (Tachometer), Brown (PWM)

Control Interface: PWM Control / Pulse Sensor

Operating Temperature: -20 – +70 °C

Storage Temperature: -30 – +70 °C

Expected Life: 70,000 h (at 40 °C) / 40,000 h (at 60 °C)

Locked Rotor Protection: Supported

Reverse Polarity Protection: Supported

Safety Approvals: UL, CSA, TUV, RoHS

Application

The Sanyo Denki 9GV1248P1J01 high-static pressure axial fan is specifically designed for cooling high-performance 4U/5U server chassis, telecommunications rectifiers, large-scale industrial frequency converters, medical imaging systems, and heavy-duty power conversion units.

Product Images









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