

9GT1212P1S001 Sanyo Denki 12V DC Axial Fan Wide Temperature

SKU: 9GT1212P1S001

Price: \$152.28

Categories: Fans

Tags: Sanyo Denki

Product Link:

<https://www.electspares.com/product/9gt1212p1s001-sanyo-denki-12v-dc-axial-fan-wide-temperature/>

Product Description

The Sanyo Denki 9GT1212P1S001 is a high-performance DC Axial Fan with dimensions of 120×120×38 mm. As part of the San Ace 120T series, this fan is distinguished by its Wide Temperature Range capability, operating reliably from -40°C to +85°C. It runs on 12 VDC, drawing 2.2 A for a power consumption of 26.4 W. The fan delivers a strong maximum airflow of 360 m³/h (211.8 CFM), a high static pressure of 270 Pa, and achieves a rated speed of 5600 RPM with a noise level of 58 dBA. Built with an Aluminum frame and Ball Bearings, and featuring PWM Control and a Pulse sensor (Tachometer), it is ideally suited for heating and cooling devices, outdoor equipment, LED lighting, and EV charging stations that require consistent, high-efficiency cooling in extreme thermal conditions.

9GT1212P1S001 Fan Parameters

Model: 9GT1212P1S001

Manufacturer: Sanyo Denki

Fan Type: DC Axial Fan

Dimensions: 120×120×38 mm

Nominal Voltage: 12 VDC

Operating Voltage Range: 9.0 VDC to 13.8 VDC

Rated Current: 2.2 A

Power Consumption: 26.4 W

Rated Speed: 5600 RPM

Airflow (Maximum): 360 m³/h

Static Pressure (Maximum): 270 Pa

Noise Rating: 58 dBA

Bearing System: Ball Bearing

Termination: 4 Wire Leads

Frame Material: Aluminum

Blade Material: Plastic

Features: PWM Control, Pulse sensor (Tachometer), Reverse Polarity Protection, Locked Rotor Burnout Protection

Operating Temperature: -40°C to $+85^{\circ}\text{C}$

Expected Life (L10): 40000 h at 85°C

Application

The 9GT1212P1S001 is designed for thermal management in applications where equipment is exposed to drastic or sustained temperature extremes. Its wide operating temperature range of -40°C to $+85^{\circ}\text{C}$ makes it an excellent choice for outdoor telecommunications gear, industrial machinery and control panels, alternative energy systems (like solar inverters), electric vehicle (EV) charging infrastructure, and other non-climate-controlled enclosures. The inclusion of PWM control allows for system-side speed management to optimize cooling, noise, and power consumption based on current thermal load.

Product Images



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