

# 9G0612P4H0011 Sanyo Denki 12V 0.5A 60x60x25mm DC Axial Fan

**SKU:** 9G0612P4H0011

**Price:** \$29.99

**Categories:** Fans

**Tags:** Sanyo Denki

**Product Link:**

<https://www.electspares.com/product/9g0612p4h0011-sanyo-denki-12v-0-5a-60x60x25mm-dc-axial-fan/>

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## Product Description

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The Sanyo Denki 9G0612P4H0011 is a high-performance 12VDC axial fan with dimensions of 60 x 60 x 25 mm, specifically engineered for high-density thermal management in industrial and server environments. As part of the San Ace 60 (9G type) series, this cooling solution features a robust plastic frame and a specialized 9-blade high-efficiency impeller (UL 94V-0), optimized for superior aerodynamic throughput and high static pressure. It operates at a rated speed of 9,500 RPM, delivering a maximum air flow of 42.7 CFM (72.6 m<sup>3</sup>/h) and a significant static pressure of 0.9 inH<sub>2</sub>O (224 Pa). Equipped with a high-precision dual ball bearing system and PWM control functionality, the 9G0612P4H0011 allows for precise speed modulation and ensures a reliable service life of 70,000 hours at 40°C. This model is characterized by its high power-to-size ratio and integrated speed monitoring, making it a critical component for 1U/2U servers, telecommunications hardware, and high-wattage power supplies.

9G0612P4H0011 Fan Parameters

Manufacturer: Sanyo Denki

Model Number: 9G0612P4H0011

Type: DC Axial Fan

Series: San Ace 60 (9G type)

Dimensions: 60 x 60 x 25 mm

Weight: 90 g

Frame Material: Plastic

Impeller Material: Plastics (UL 94V-0)

Bearing Type: Dual Ball Bearing

Number of Blades: 9

Rated Voltage: 12 VDC

Operating Voltage Range: 10.2 - 13.8 VDC

Rated Current: 0.5 A

Rated Input Power: 6 W

Rated Speed: 9,500 RPM

Max. Air Flow: 42.7 CFM (72.6 m<sup>3</sup>/h / 1.21 m<sup>3</sup>/min)

Max. Static Pressure: 0.9 inH<sub>2</sub>O (224 Pa / 22.8 mmH<sub>2</sub>O)

Sound Pressure Level: 49 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 9G0612P4H0011 high-speed axial fan is specifically designed for cooling 1U/2U server chassis, high-density network switches, telecommunications rectifiers, industrial frequency converters, and high-wattage power supplies where compact size and high airflow are required.

## Product Images

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