

# 9G0624G1011 Sanyo Denki 24V 0.85A 60mm 6038 DC Axial Fan

**SKU:** 9G0624G1011

**Price:** \$13.75

**Categories:** Fans

**Tags:** Sanyo Denki

**Product Link:**

<https://www.electspares.com/product/9g0624g1011-sanyo-denki-24v-0-85a-60mm-6038-dc-axial-fan/>

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## Product Description

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The Sanyo Denki 9G0624G1011 is a high-performance 24 VDC industrial DC axial fan with dimensions of 60 x 60 x 38 mm, purpose-built to deliver elite-level thermal cooling in high-resistance airflow paths. This unit features a heavy-duty brushless DC motor capable of sustaining a massive 20.4 W power output to drive its specialized 5-blade impeller at a consistent 11800 RPM. Engineered specifically to combat extreme backpressure, it generates a formidable 1.747 inH<sub>2</sub>O static pressure, making it an ideal solution for pushing air through densely obstructed heatsinks and narrow chassis. The mechanical design relies on a precision-shielded dual ball bearing system and a fiberglass-reinforced PBT housing to ensure 40,000 hours of continuous operation at a 60 °C ambient temperature. Equipped with a standard 3-wire FG tachometer for real-time speed monitoring, this fan is a critical component for high-density blade servers, telecom rectifiers, and high-wattage industrial power supplies where maximum air density and reliability are non-negotiable.

9G0624G1011 Fan Parameters

Manufacturer: Sanyo Denki

Model Number: 9G0624G1011

Series: San Ace 60 (9G High Static Pressure)

Industry Size Code: 6038

Type: DC Axial Fan

Bearing Type: Dual Ball Bearing

Nominal Voltage: 24 VDC

Voltage Range: 14.0 - 27.6 VDC

Starting Voltage: 14.0 VDC

Dimensions: 60 x 60 x 38 mm

Weight: 110 g

[Electrical Data]

Input Power: 20.4 W

Nominal Current: 0.85 A

Max. Current: 1.10 A

Nominal Speed: 11800 RPM (Tolerance  $\pm 10\%$ )

Motor Design: Brushless DC Motor

Signal Output: FG (Frequency Generator/Tachometer)

Motor Protection: Auto Restart, Polarity Protection, Locked Rotor Protection

Insulation Class: Class E

Insulation Resistance: >10M ohm at 500 VDC

Dielectric Strength: 500 VAC for 1 minute

Termination: 3-Lead wires

[Performance & Acoustics]

Max. Air Flow: 65.0 CFM (110.4 m<sup>3</sup>/h / 1.84 m<sup>3</sup>/min)

Max. Static Pressure: 44.4 mmH<sub>2</sub>O (435.0 Pa / 1.747 inH<sub>2</sub>O)

Sound Pressure Level: 58.0 dB(A) (Measured at 1 meter)

Number of Blades: 5

Direction of Rotation: Counter-clockwise (viewed toward impeller)

Airflow Direction: Intake over struts

[Materials & Construction]

Frame Material: Thermoplastic PBT (Black, UL94V-0)

Impeller Material: Thermoplastic PBT (Black, UL94V-0)

Installation Position: Any

Degree of Protection: IP54

[Reliability & Safety Standards]

Min. Ambient Temperature: -20 °C

Max. Ambient Temperature: 70 °C

Life Expectancy (L10): 40,000 hours at 60 °C (70,000 hours at 40 °C)

Standard Compliance: UL 507, CSA C22.2, EN 60950-1

Approval Agency: UL, TUV, CSA, CE, RoHS

Application

The Sanyo Denki 9G0624G1011 axial fan is used in high-density blade servers, cloud storage arrays, industrial power rectifiers, telecommunications base stations, and high-frequency medical equipment.

## Product Images

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Scan for product details:

