

# 9GA0612P6G001 Sanyo Denki DC brushless axial fan

**SKU:** 823973866220

**Price:** \$22.39

**Categories:** Fans

**Tags:** Sanyo Denki

**Product Link:**

<https://www.electspares.com/product/9ga0612p6g001-sanyo-denki-dc-brushless-axial-fan/>

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## Product Description

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The Sanyo Denki 9GA0612P6G001 is a high-performance, energy-efficient 60x60x20mm DC axial fan from the San Ace 60 GA series, ideal for cooling electronic equipment where compact size and low power consumption are critical. Operating on 12VDC with 0.260A current and 3.12W power, it delivers a robust 31.1 CFM (0.88 m<sup>3</sup>/min) of airflow and 0.500 in H<sub>2</sub>O (125 Pa) of static pressure at 6850 RPM, producing a moderate noise level of 43.0 dB(A). This fan features durable ball bearings, flame-retardant plastic construction, and includes both a pulse sensor for speed monitoring and PWM control for precise speed regulation, along with locked rotor and reverse polarity protection, ensuring a long L10 life of 40,000 hours at 60°C.

Model Number: 9GA0612P6G001

Manufacturer: Sanyo Denki

Series: San Ace 60 GA (Low Power Consumption Fan)

Fan Type: DC Brushless Axial Fan (Tubeaxial)

Dimensions (L x H x W): 60 mm x 60 mm x 20 mm

Rated Voltage: 12 VDC

Operating Voltage Range: 10.8 VDC to 13.2 VDC

Rated Current: 0.260 A

Input Power: 3.12 W

Wiring: 4 Lead Wires (typically includes Positive, Negative, Pulse Sensor Output (Tach), and PWM Control Input)

Protection Functions: Locked Rotor Burnout Protection, Reverse Polarity Protection

Rotational Speed (RPM): 6850 RPM

Maximum Airflow:

31.1 CFM (Cubic Feet per Minute)

0.88 m<sup>3</sup>/min (Cubic Meters per Minute)

52.8 m<sup>3</sup>/h (Cubic Meters per Hour)

Maximum Static Pressure:

0.500 in H<sub>2</sub>O (Inches of Water)

125 Pa (Pascals)

Noise Level: 43.0 dB(A)

Bearing Type: Ball Bearing

Frame Material: Plastic (Resin) (UL 94V-0 Flame Retardancy)

Impeller (Blade) Material: Plastic (Resin) (UL 94V-1 Flame Retardancy)

Frame Design: Ribbed

Sensor Type: Pulse Sensor (Tachometer output for speed monitoring)

Control Function: PWM Control (Pulse Width Modulation for speed regulation)

Operating Temperature Range: -20°C to +70°C (-4°F to 158°F)

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

Safety Approvals: CSA, TUV, UL

Mass: Approximately 70 g (0.154 lb)

RoHS Compliant: Yes

## **Product Images**

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Scan for product details:

