

# DP201AT 2122HBL.GN SUNON 220-240V AC axial fan

**SKU:** DP201AT 2122HBL.GN

**Price:** \$11.21

**Categories:** Fans

**Tags:** SUNON

**Product Link:**

<https://www.electspares.com/product/dp201at2122hbl-gn-sunon-220-240v-ac-axial-fan/>

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## Product Description

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The SUNON DP201AT 2122HBL.GN is an AC axial fan measuring 120x120x25mm. It operates on 220-240 VAC at 50/60 Hz. This fan features a reliable ball bearing system for long-term performance and connects via 2 wire leads. The frame is made of die-cast aluminum, and the impeller is thermoplastic (PBT) with a UL94V-0 flammability rating. It incorporates a shaded-pole motor with impedance protection. For 50 Hz operation, it typically draws 100 mA with a power consumption of 19 W, achieving a speed of 2150 RPM, an airflow of 66 CFM (approximately 112 m<sup>3</sup>/h), and a noise level of 44 dB(A). For 60 Hz operation, it typically draws 90 mA with a power consumption of 18 W, achieving a speed of 2500 RPM, an airflow of 80 CFM (approximately 136 m<sup>3</sup>/h), and a noise level of 48 dB(A). This fan is commonly used in various industrial equipment, power supplies, and general cooling applications requiring efficient and durable airflow.

DP201AT 2122HBL.GN Fan Parameters

Model: DP201AT 2122HBL.GN

Manufacturer: SUNON

Type: AC Axial Fan

Dimensions: 120x120x25 mm

Rated Voltage: 220-240 VAC

Operating Voltage Range: 185 to 245 VAC

Frequency: 50/60 Hz

Rated Current: 100 mA (at 50 Hz) / 90 mA (at 60 Hz)

Current and Power Consumption Tolerance:  $\pm 15\%$

Power Consumption: 19 W (at 50 Hz) / 18 W (at 60 Hz)

Speed: 2150 RPM (at 50 Hz) / 2500 RPM (at 60 Hz)

Speed Tolerance:  $\pm 10\%$

Airflow: 66 CFM (112 m<sup>3</sup>/h) (at 50 Hz) / 80 CFM (136 m<sup>3</sup>/h) (at 60 Hz)

Static Pressure: 0.14 inH<sub>2</sub>O (at 50 Hz) / 0.17 inH<sub>2</sub>O (at 60 Hz)

Noise Level: 44 dB(A) (at 50 Hz) / 48 dB(A) (at 60 Hz)

Bearing Type: Ball Bearing

Termination: 2 Wire Leads (typically 300mm or 320mm length, 24AWG)

Frame Material: Die-cast Aluminum

Impeller Material: Thermoplastic PBT

Flammability Rating: UL94V-0

Insulation Resistance: 500 M $\Omega$  minimum (at 500 VDC)

Dielectric Strength: 1500 VAC for 1 second

Motor Protection: Impedance Protected

Operating Temperature: -10 to 70°C

Storage Temperature: -40 to 70°C

Expected Life: 50,000 hours (at 25°C)

Weight: 295 g

Application: Industrial equipment, power supplies, general cooling.

## **Product Images**

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