

GB0545ADV2-8 SUNON 5V 0.3W Turbo Blower fan

SKU: GB0545ADV2-8

Price: \$9.99

Categories: Fans

Tags: SUNON

Product Link:

<https://www.electspares.com/product/gb0545adv2-8-sunon-5v-0-3w-turbo-blower-fan/>

Product Description

The SUNON GB0545ADV2-8 is a compact and efficient DC brushless blower designed by Sunon. Operating on 5V DC power, it draws a low current of 0.06A, resulting in a minimal 0.3W power consumption. Measuring 45mm x 45mm x 7mm, this miniature blower is ideal for cooling in tightly packed electronic devices, embedded systems, and other applications requiring focused air movement within very confined spaces. It rotates at a speed of 5000 RPM, delivering an airflow of 1.8 CFM and generating a static pressure of 0.20 inch-H₂O, making it effective for pushing air through small vents or heatsinks. With a low noise level of 26 dBA, it operates quietly. Equipped with 3-wire leads, it features Sunon's proprietary Vapo bearing system for enhanced reliability and longevity, and includes locked rotor protection for motor safety. It is designed to operate reliably within a temperature range of -10°C to 70°C and holds multiple safety approvals.

Model Number: GB0545ADV2-8

Manufacturer: SUNON

Type: DC Brushless Blower

Rated Voltage: 5V DC

Operating Voltage Range: 3V to 6V DC

Starting Voltage: 3V DC

Rated Current: 0.06A

Rated Power: 0.3W

Speed: 5000 RPM

Airflow: 1.8 CFM

Static Pressure: 0.20 inch-H₂O

Noise Level: 26 dBA

Dimensions: 45mm x 45mm x 7mm

Direction of Rotation: Counter-clockwise viewed from the front fan blade

Connector: 3-Wire Leads

Bearing Type: Vapo Bearing System

Life Expectancy: Not explicitly stated with a single hour figure, but Vapo bearings are known for long life.

Operating Temperature: -10°C to 70°C

Storage Temperature: -40°C to 70°C

Weight: 15g

Motor Protection: Locked rotor protected

Safety Approvals: UL/CUR/TUV/CE Approvals

Frame Material: Plastic

Impeller Material: Plastic

Features: Patented single-coil DC brushless 8-pole motor design, Locked Rotor Protection

Product Images





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