

# A1259-HBT.TC.N.GN Sunon 115V 254x89mm AC Axial Fan Datasheet



**Brand:** SUNON

**SKU:** [1005358716590](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$81.99**

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Product Page:

<https://www.equipspares.com/product/a1259-hbt-tc-n-gn-sunon-115v-254x89mm-ac-axial-fan>

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## Product Description

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The Sunon A1259-HBT.TC.N.GN is a robust AC Axial Fan engineered for high-capacity industrial cooling applications. Utilizing advanced motor technology, this unit minimizes thermal impedance while maintaining exceptional structural rigidity through its die-cast aluminum housing. The design incorporates a precision ball bearing system to ensure longevity and stable operation under continuous loads. Featuring integrated thermal cutout protection, the fan safeguards against overheating, making it a reliable solution for critical thermal management systems requiring consistent airflow and durability.

Model Number: A1259-HBT.TC.N.GN

Brand: Sunon

Product Type: AC Axial Fan

Rated Voltage: 115 VAC

Frequency: 50/60 Hz

Voltage Range: 85 - 125 VAC

Rated Current: 0.60 / 0.65 A

Input Power: 60 / 75 W

Rated Speed: 2600 / 2900 RPM

Bearing Type: Ball Bearing

Max. Air Flow: 850 CFM (1444 m<sup>3</sup>/h)

Max. Static Pressure: 0.76 / 0.68 inH<sub>2</sub>O (189 / 169 Pa)

Dimensions: 254mm x 89mm (Round Frame)

Weight: 2.36 kg

Life Expectancy: 50,000 Hours at 25°C

Noise Level: 66 / 68 dB(A)

Frame Material: Aluminum Die-Cast

Blade Material: Thermoplastic PBT (UL94V-0)

Termination: Terminal Type

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Ingress Protection: IP55 (Optional)

Insulation Class: Class B

Motor Protection: Thermal Cutout (TC), Impedance Protected

Safety Certifications: UL, CUR, TUV, CE

Compliance: RoHS

This high-performance cooling solution is specifically designed for demanding industrial environments such as large-scale server racks, telecommunications cabinets, and heavy-duty machinery. The A1259-HBT.TC.N.GN excels in applications requiring substantial airflow to dissipate heat from power electronics and automation control panels. Additionally, the A1259-HBT.TC.N.GN is frequently utilized in HVAC systems and industrial heat exchangers where reliability and thermal protection are paramount for continuous operation.

## Supplemental Images

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