

# Fan 120x120x25mm, 12V DC, IP20, EEC0251B1

Reference: AM4646  
EAN13: -  
HS code: 84145925

## Product attributes:

## Product features:

Voltage: 12 V DC  
Size: 120x120 mm  
Connector: XH2.54 - 2pin  
Waterproof grade: IP20  
Lifetime: 70,000 hours



## Product description:

Powerful axial fan from SUNON designed for reliable cooling of electronics, power supplies, cabinets and industrial equipment. The EEC0251B1-000C-A99 model combines high airflow, long life and compact standard size of 120 mm, making it an ideal choice for professional and OEM applications.

## Technical specifications

- Manufacturer: SUNON
- Model: EEC0251B1-000C-A99
- Type: axial DC fan
- Supply voltage: 12 V DC
- Operating voltage range: 6-13.8 V DC
- Power consumption: 5.4 W
- Maximum power consumption: 6.22 W
- Current consumption: 451 mA (max. 519 mA)
- Speed: 3100 rpm
- Airflow: 108.2 CFM (183.8 m<sup>3</sup>/h)
- Static pressure: 7.11 mmH<sub>2</sub>O
- Noise level: 44.5 dB(A)
- Bearings: ball bearing
- Lifespan: 70,000 hours at 40°C
- Dimensions: 120 × 120 × 25 mm
- Mounting holes: 4×, diameter 4.3 mm
- Connection: 2pin JST-PH connector (2.0mm pitch)
- Weight: 157g
- Protection: IP20
- Operating temperature: -10 to +70 °C
- Storage temperature: -40 to +70 °C

## Functions and features (control, compatibility, benefits of use)

- Brushless DC motor for stable and efficient operation
- Ball bearings ensure long service life even in continuous operation
- Power supply reverse polarity protection
- Automatic restart when the rotor is blocked
- Direction of rotation: counterclockwise when viewed from the front of the fan
- Standard 120mm size allows for easy replacement with other fans of the same size

## Ideal for (typical uses)

- Cooling of switchboards and industrial electronics
- Power supplies, voltage converters and power modules
- Server cabinets and network equipment
- Laboratory and measuring equipment
- LED applications with higher thermal load

## Package contents

- 1× axial fan SUNON EEC0251B1-000C-A99
-

## Why choose this product (summary of main benefits)

- Very high airflow while maintaining compact dimensions
- Long service life of 70,000 hours thanks to ball bearings
- Reliable operation with integrated protection functions
- Quality and proven reliability of the SUNON brand
- Easy integration into professional and industrial equipment

