

PSD1206PKV1-A.B4386.F.GN Sunon 12VDC 60x60x20mm Axial Fan Datasheet



Brand: SUNON

SKU: 1044326642073

Category: Axial & Centrifugal Fans

Price: \$27.86

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Product Page:

<https://www.equipspares.com/product/psd1206pkv1-a-b4386-f-gn-sunon-12vdc-60x60x20mm-axial-fan>

Product Description

Sunon PSD1206PKV1-A.B4386.F.GN is a 60 x 60 x 20 mm high-performance axial fan operating at 12 VDC with a 2.33 A rated current and 28.0 W power consumption. The unit features a patented MagLev VAPO bearing system and a 4-wire interface supporting PWM speed control and frequency generator output. Constructed with a glass fiber reinforced PBT plastic housing and impeller rated to UL 94V-0, the fan utilizes a brushless DC motor design to achieve rotational speeds up to 13,000 RPM, delivering an airflow of 55.5 CFM and a static pressure of 1.58 inch-H₂O.

PSD1206PKV1-A.B4386.F.GN Specifications

Model: PSD1206PKV1-A.B4386.F.GN

Brand: Sunon

Category: DC Axial Fan

Dimensions: 60 x 60 x 20 mm

Rated Voltage: 12 VDC

Rated Current: 2.33 A

Rated Power: 28.0 W

Rated Speed: 13,000 RPM

Airflow: 55.5 CFM

Static Pressure: 1.58 inch-H₂O

Noise Level: 61.5 dBA

Bearing Type: MagLev / VAPO

Interface: 4-Wire (Red: +, Black: -, Yellow: FG, Blue: PWM)

Frame Material: Thermoplastic PBT (UL 94V-0)

Impeller Material: Thermoplastic PBT (UL 94V-0)

Operating Temperature: -10 to +70 °C

Storage Temperature: -40 to +70 °C

Weight: 75 g

Insulation Resistance: 10 M ohm at 500 VDC

Dielectric Strength: 500 VAC for 1 minute

Motor Protection: Polarity Protection, Restart Capability

Compliance: RoHS, UL, TUV

PSD1206PKV1-A.B4386.F.GN Applications

Primary applications include integration into high-density server enclosures, 1U/2U rackmount chassis, and telecommunications switching equipment requiring high static pressure cooling. Deployed within industrial power supply units, network storage arrays, and high-performance computing thermal management systems.

Supplemental Images

