

D60BV-12 Y.L.FAN 12VDC 60x60x25mm 0.50A DC Axial Fan Datasheet



Brand: Y.L.FAN

SKU: 855753791144

Category: Axial & Centrifugal Fans

Price: \$11.99

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/d60bv-12-y-l-fan-12vdc-60x60x25mm-0-50a-dc-axial-fan>

Product Description

The Y.L.FAN D60BV-12 is a high-static pressure DC Axial Fan engineered for demanding industrial thermal management applications. Featuring a robust DC brushless motor and a precision dual ball bearing architecture, this cooling unit is designed to withstand continuous operation with minimal friction and heat generation. The aerodynamic impeller geometry is optimized to deliver substantial airflow while overcoming the high thermal impedance often found in densely populated electronic enclosures. Constructed with UL94V-0 rated materials, it ensures structural rigidity and fire safety compliance.

Model Number: D60BV-12

Brand: Y.L.FAN (Yate Loon)

Product Type: DC Axial Fan

Rated Voltage: 12 VDC

Voltage Range: 7.0 - 13.8 VDC

Rated Current: 0.50 A

Power Consumption: 6.00 W

Rated Speed: 6800 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 38.5 CFM (65.4 m³/h / 1.09 m³/min)

Max. Static Pressure: 10.5 mmH₂O (102.9 Pa / 0.41 inH₂O)

Dimensions: 60 x 60 x 25 mm

Weight: 75 g

Life Expectancy: 70,000 Hours @ 40°C

Noise Level: 44.0 dBA

Housing Material: PBT Plastic (UL94V-0)

Impeller Material: PBT Plastic (UL94V-0)

Termination: 2-Wire Lead

Ingress Protection: IP20

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +75°C

Mounting Orientation: Any

The D60BV-12 is specifically optimized for scenarios requiring reliable heat dissipation in compact spaces, such as server power supply units and industrial automation chassis. Its high rotational speed and airflow capabilities make the D60BV-12 ideal for cooling rack-mounted telecommunications equipment and CNC control systems where maintaining component stability is critical. By effectively managing internal temperatures, this model prevents thermal throttling and prolongs the operational lifespan of sensitive electronics.

Supplemental Images

