

AD08012UB327100 ADDA 12VDC 80x80x32mm DC Axial Fan Datasheet



Brand: ADDA

SKU: [741763991413](#)

Category: Axial & Centrifugal Fans

Price: **\$7.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/ad08012ub327100-adda-12vdc-80x80x32mm-dc-axial-fan>

Product Description

The ADDA AD08012UB327100 is a high-performance DC axial fan engineered for demanding industrial and server-grade cooling applications. Utilizing advanced dual ball bearing architecture, this unit ensures exceptional rotational stability and longevity even under continuous high-speed operation. The aerodynamic impeller design is optimized to deliver significant static pressure and airflow, making it ideal for overcoming high thermal impedance in densely packed electronic enclosures. Its robust construction ensures structural rigidity and reliable thermal dissipation in critical environments, providing a superior cooling solution for high-wattage electronics.

Model Number: AD08012UB327100

Brand: ADDA

Product Type: DC Axial Fan

Rated Voltage: 12VDC

Operating Voltage Range: 7.0 - 13.2 VDC

Rated Current: 1.05 A

Input Power: 12.6 W

Rated Speed: 6000 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 85.2 CFM (144.7 m³/h)

Max. Static Pressure: 18.5 mmH₂O (181.4 Pa / 0.73 inH₂O)

Dimensions: 80 x 80 x 32 mm

Frame Material: PBT Thermoplastic (UL94V-0)

Impeller Material: PBT Thermoplastic (UL94V-0)

Noise Level: 56.5 dBA

Life Expectancy: 70,000 Hours at 40°C

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Termination: Lead Wires

Weight: 160 g

Safety Certifications: UL, CUL, TUV, CE

The AD08012UB327100 is specifically designed for high-impedance airflow environments such as rack-mount servers, telecommunications base stations, and industrial power supplies. Its high static pressure capabilities allow the AD08012UB327100 to effectively force air through restrictive heatsinks and dense component layouts, ensuring optimal thermal regulation for mission-critical hardware.

Supplemental Images

