

AD0812US-A71GL ADDA 12VDC 0.45A 80x80x25mm Axial Fan Datasheet



Brand: ADDA

SKU: [694975267304](#)

Category: Axial & Centrifugal Fans

Price: **\$12.99**

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Product Page:

<https://www.equipspares.com/product/ad0812us-a71gl-adda-12vdc-0-45a-80x80x25mm-axial-fan>

Product Description

The ADDA AD0812US-A71GL is a precision-engineered DC Axial Fan designed for high-demand thermal management applications requiring substantial airflow in compact form factors. Utilizing advanced sleeve bearing architecture, this unit balances rotational stability with cost-effective performance, ensuring optimal airflow delivery in restricted enclosures. The 80mm frame is constructed from reinforced thermoplastic to maintain structural rigidity under high-velocity operation, minimizing vibration and resonance. Engineered for low thermal impedance, the AD0812US-A71GL delivers consistent static pressure, making it an ideal solution for industrial inverters and power supply units requiring reliable heat dissipation and long-term operational stability.

Model Number: AD0812US-A71GL

Brand: ADDA

Product Type: DC Axial Fan

Rated Voltage: 12VDC

Voltage Range: 10.2 - 13.8 VDC

Rated Current: 0.45 A

Power Consumption: 5.40 W

Rated Speed: 4200 RPM

Bearing Type: Sleeve Bearing

Max. Air Flow: 60.0 CFM (101.9 m³/h / 1.70 m³/min)

Max. Static Pressure: 8.1 mmH₂O (79.4 Pa / 0.32 inH₂O)

Dimensions: 80x80x25mm

Weight: 86 g

Life Expectancy: 30,000 Hours @ 40°C

Noise Level: 42.5 dB(A)

Frame Material: PBT Thermoplastic (UL94V-0)

Impeller Material: PBT Thermoplastic (UL94V-0)

Termination: Lead Wires (UL1007 AWG24)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Ingress Protection: IP20

Safety Certifications: UL, CUL, TUV, CE

The AD0812US-A71GL is specifically calibrated for industrial electronics cooling, excelling in environments such as variable frequency drives (VFDs) and solar inverters where consistent airflow is critical. Its compact 80mm footprint allows for seamless integration into rack-mounted server chassis and telecommunications equipment. Additionally, the AD0812US-A71GL is frequently utilized in high-wattage power supply units and automation control panels, providing the necessary thermal headroom to prevent component throttling and extend system longevity.

Supplemental Images

