

# AUB0812H-E Delta DC12V 0.3A 3-wire inverter fan

**SKU:** AUB0812H-E

**Price:** \$9.99

**Categories:** Fans

**Tags:** Delta

**Product Link:**

<https://www.electspares.com/product/aub0812h-e-delta-dc12v-0-3a-3-wire-inverter-fan/>

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## Product Description

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The Delta AUB0812H-E is a versatile 80x80x25.4mm DC axial fan from Delta's AUB series. Operating on 12VDC, it consumes 2.04W to 2.76W of power with a current draw from 0.17A to 0.30A. This fan utilizes a sleeve bearing for relatively quiet operation, typically between 31 dBA and 37.5 dBA, and offers a good operational life of 40,000 hours at 40°C. It delivers airflow ranging from 35 CFM to 50.2 CFM at speeds between 3000 RPM and 3900 RPM, providing effective cooling with moderate static pressure.

The 3-wire configuration is a key feature, providing a tachometer output for real-time speed monitoring, which is particularly useful in systems like projectors where fan status is critical. It also includes essential locked rotor protection and over current shutdown for enhanced system reliability and safety. This fan is a common and reliable choice for cooling consumer electronics, projectors, and various other applications requiring stable airflow and monitoring capabilities in a standard form factor.

Model Number: AUB0812H-E

Manufacturer: Delta Electronics

Series: AUB

Fan Type: DC Brushless Axial Fan

Dimensions L x H x W: 80 mm x 80 mm x 25.4 mm

Rated Voltage: 12 VDC

Operating Voltage Range: 7.0 VDC to 13.8 VDC

Rated Current: 0.17 A to 0.30 A

Input Power: 2.04 W to 2.76 W

Wiring: 3 Wire Leads

Bearing Type: Sleeve Bearing

Rotational Speed RPM: 3000 RPM to 3900 RPM

Maximum Airflow: 35 CFM to 50.2 CFM

Maximum Static Pressure: 0.177 in H2O to 0.239 in H2O

Noise Level: 31 dBA to 37.5 dBA

Frame Material: Plastic

Impeller Blade Material: Plastic

Control Functions: Tachometer Output

Protection Functions: Locked Rotor Protection, Over Current Shutdown

Operating Temperature Range: -10°C to +70°C

Expected Life: 40,000 Hours at 40°C

Mass: 78 g to 88 g

Safety Approvals: UL, CSA, CE, VDE

## **Product Images**

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