

# QUR0812SH-H5C Delta 12VDC 0.50A 80x80x25mm Axial Fan Datasheet



**Brand:** Delta

**SKU:** 985735131199

**Category:** Axial & Centrifugal Fans

**Price:** **\$22.91**

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Product Page:

<https://www.equipspares.com/product/qur0812sh-h5c-delta-12vdc-0-50a-80x80x25mm-axial-fan>

## Product Description

The QUR0812SH-H5C is a high-performance 80mm axial DC fan engineered by Delta Electronics for rigorous thermal management. Operating at a rated 12VDC with a 0.50A current draw, this unit delivers a maximum airflow of 35CFM and a static pressure of 4.01mmH<sub>2</sub>O. It features an advanced hydraulic bearing system providing an extended service life of 80,000 hours and utilizes 4-wire PWM (Pulse Width Modulation) for precise speed control ranging from 800 to 4400 RPM. The fan is constructed with UL 94V-0 rated plastic for both frame and impeller, ensuring safety and durability in industrial environments.

### QUR0812SH-H5C Specifications

Model Number: QUR0812SH-H5C

Brand: Delta Electronics

Category: DC Axial Fan

Dimensions: 80 x 80 x 25mm

Rated Voltage: 12VDC

Operating Voltage Range: 7.0 to 13.8VDC

Rated Current: 0.50A

Input Power: 6.0W

Rated Speed: 800 - 4400 RPM

Maximum Airflow: 35.0 CFM (0.991 m<sup>3</sup>/min)

Maximum Static Pressure: 4.01 mmH<sub>2</sub>O (0.158 inH<sub>2</sub>O)

Acoustic Noise: 31.0 dB(A)

Bearing Type: Hydraulic Bearing

Termination: 4-Wire Lead (PWM Control)

Wire Functions: Red (+), Black (-), Blue (PWM), Yellow (FG/Tachometer)

Frame Material: Plastic (UL 94V-0)

Impeller Material: Plastic (UL 94V-0)

Operating Temperature: -20 to +75°C

Storage Temperature: -40 to +75°C

Life Expectancy: 80,000 Hours @ 40°C

Weight: 88g

Safety Approvals: UL, CUL, TUV, CE

Protection Features: Locked Rotor Protection, Polarity Protection

QUR0812SH-H5C Applications

Active thermal regulation for 1U/2U rackmount servers, industrial workstation chassis, switch-mode power supplies (SMPS), and high-density telecommunications equipment requiring variable speed PWM cooling.

## Supplemental Images

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