

BP1202512Hc1 Bi-Sonic 12VDC 0.38A 120x120x25mm Axial Fan Datasheet



Brand: Bi-Sonic

SKU: [1047782493871](#)

Category: Axial & Centrifugal Fans

Price: **\$37.86**

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Product Page:

<https://www.equipspares.com/product/bp1202512hc1-bi-sonic-12vdc-0-38a-120x120x25mm-axial-fan>

Product Description

Bi-Sonic BP1202512Hc1 is a 120 x 120 x 25 mm axial cooling fan operating at 12 VDC with a 0.38 A current rating and 88.3 CFM airflow capacity. It features a dual ball bearing system and a thermoplastic PBT housing and impeller rated to UL 94V-0 flammability standards. The unit operates at a rotational speed of 3000 RPM while maintaining a noise level of 48.3 dBA. Electrical connection is established via 3-wire lead wires, and the motor includes impedance protection and auto-restart functionality for continuous operation.

BP1202512Hc1 Specifications

Model: BP1202512Hc1

Brand: Bi-Sonic

Dimensions: 120 x 120 x 25 mm

Rated Voltage: 12 VDC

Operating Voltage: 10.2 to 13.8 VDC

Rated Current: 0.38 A

Input Power: 4.56 W

Rated Speed: 3000 RPM

Maximum Airflow: 88.3 CFM

Noise Level: 48.3 dBA

Bearing Type: Dual Ball Bearing

Frame Material: Thermoplastic PBT (UL 94V-0)

Impeller Material: Thermoplastic PBT (UL 94V-0)

Operating Temperature: -30 to +75 °C

Storage Temperature: -40 to +80 °C

Insulation Resistance: 10 MΩ at 500 VDC

Life Expectancy: 50,000 Hours at 40 °C

Weight: 150 g

Termination: 3-Wire Lead Wires

Safety Approvals: UL, CUL, TUV, CE

BP1202512Hc1 Applications

Primary applications include integration into industrial control cabinets, server rack enclosures, and frequency inverter cooling systems. Deployed within CNC machine tool electronics, telecommunications base stations, and power supply thermal management units to ensure stable operating temperatures for high-density electronic components.

Supplemental Images

