

# PLA08015B12HH Power Logic 12VDC 0.35A 80mm Axial Fan Datasheet



SKU: [730603818695](#)

Category: Axial & Centrifugal Fans

Price: **\$16.99**

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E-mail: [sales@equipspares.com](mailto:sales@equipspares.com)

Web: <https://www.equipspares.com>

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Product Page:

<https://www.equipspares.com/product/pla08015b12hh-power-logic-12vdc-0-35a-80mm-axial-fan>

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## Product Description

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Power Logic PLA08015B12HH is a 12VDC 80x80x15mm Axial Fan optimized for high-density thermal dissipation in GPU cooling assemblies. This unit features a DC brushless motor architecture with dual ball bearing technology to minimize thermal impedance and ensure long-term structural rigidity under continuous high-RPM operation. Operating at a rated current of 0.35A, the fan delivers high static pressure necessary to penetrate dense fin stacks. The 4-wire PWM interface allows for precise speed modulation, ensuring the fan balances acoustic output with cooling demand. It is engineered specifically as a high-reliability component for high-performance VGA cards requiring consistent airflow to maintain stable clock speeds.

Model Number: PLA08015B12HH

Brand: Power Logic

Product Type: Axial Fan

Rated Voltage: 12 VDC

Voltage Range: 10.2 - 13.8 VDC

Rated Current: 0.35 A

Power: 4.2 W

Rated Speed: 3500 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 38.5 CFM (65.4 m<sup>3</sup>/h)

Max. Static Pressure: 4.12 mmH<sub>2</sub>O (40.4 Pa)

Dimensions: 80 x 80 x 15 mm

Weight: 45 g

Life Expectancy: 70,000 hours at 40°C

Speed Control: PWM (Pulse Width Modulation)

Termination: 4-Pin Connector

Housing Material: UL94V-0 Plastic

Blade Material: UL94V-0 Plastic

Operating Temperature: -10 to +70 °C

Protection Features: Locked Rotor Protection, Reverse Polarity Protection

#### PLA08015B12HH Applications

1. High-Performance VGA Cooling: Ideal replacement fan for Gainward GTS250 (Huangzhong, Zhangliao, and Machao editions) where the 15mm slim profile and high static pressure are required to clear low-profile shroud constraints.
2. Compact GPU Thermal Management: Specifically designed to overcome high system impedance in dual-slot graphics card assemblies requiring 4-wire PWM feedback for BIOS-level thermal control.

## Supplemental Images

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