

# MGT6012ZB-R25C Protechnic 12VDC 0.31A 60x60x25mm Axial Cooling Fan Datasheet



**Brand:** Protechnic

**SKU:** [1042350162488](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$23.86**

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Product Page:

<https://www.equipspares.com/product/mgt6012zb-r25c-protechnic-12vdc-0-31a-60x60x25mm-axial-cooling-fan>

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## Product Description

Protechnic MGT6012ZB-R25C is a 60 x 60 x 25 mm axial cooling fan operating at a nominal 12 VDC with a 0.31 A current draw. The unit features a dual ball bearing system housed within a PBT plastic frame and impeller, both rated to UL 94V-0 flammability standards. It incorporates an IP68-rated motor encapsulation for complete protection against dust ingress and high-pressure water submersion. The internal circuitry includes auto-restart and polarity protection, driving a 7-blade impeller to achieve high static pressure and airflow metrics.

### MGT6012ZB-R25C Specifications

Model: MGT6012ZB-R25C

Brand: Protechnic

Category: DC Axial Fan

Dimensions: 60 x 60 x 25 mm

Rated Voltage: 12 VDC

Operating Voltage Range: 7.0 to 13.8 VDC

Rated Current: 0.31 A

Input Power: 3.72 W

Rated Speed: 6000 RPM

Maximum Airflow: 29.25 CFM

Bearing Type: Dual Ball Bearing

Ingress Protection: IP68

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

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

Termination: 3-wire Lead Wires

Operating Temperature: -10 to +70 °C

Storage Temperature: -40 to +70 °C

Weight: 65 g

Safety Certifications: UL, TUV, CE

MGT6012ZB-R25C Applications

Primary applications include integration into high-density server rack enclosures, uninterruptible power supply (UPS) thermal management systems, and industrial power distribution cabinets. Deployed within telecommunications base stations and CNC control units requiring IP68-rated environmental resistance for consistent component cooling.

## Supplemental Images

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