

# Product Sheet

# Dynamic X2

# GP-18

English Version



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# Dynamic X2 GP-18

## Super-sized airflow

The Dynamic X2 GP-18 is a powerful 180 mm fan that packs a mean punch in the air-flow department. Massive blades, stout 38 mm thickness, and a wide 300-1200 RPM range with PWM control allow the GP-18 to yield remarkably high airflow while remaining exceptionally quiet.



# Key features

- Massive 180 x 38 mm fan that yields remarkably high airflow while remaining very quiet
- High-grade LLS bearing with 90,000-hour MTTF delivers long-lasting dependability
- PWM support offers a wide 300-1200 RPM speed range for silent operation under lighter loads and maximum airflow during more demanding activity
- Optimized fan geometry balances airflow with extra emphasis on static pressure for great performance in any usage scenario
- Aerodynamic stator struts with embedded wiring helps reduce noise and turbulence
- Stator struts sit on a wide angle to the trailing edge of the blades, resulting in a lower noise level and smoother noise profile
- Strategically placed notches near the fan hub on the trailing edge of the blades help to eliminate the humming noise produced when the blades pass stator struts
- Trip Wire technology introduces a micro-turbulent layer that helps to combat elements that negatively affect performance, providing an overall more efficient and quieter fan environment
- Customized design contributes to a cool running and beautiful looking build
- Fits standard 180 mm fan mounts with 165 x 165 mm screw hole pattern

# Specifications

Size	• 180 x 180 x 38 mm
Color	• Black
Screw hole pattern	• 165 x 165 mm
Power connector	• 4-pin
Bearing	• LLS
Number of blades	• 7
Rotational speed	• 300 – 1200 RPM
Noise level	• 16 – 35.4 dB(A)
Max airflow	• 44.9 – 153.7 CFM
Max airflow	• 76.33 – 261.29 m <sup>3</sup> /h
Max pressure	• 0.4 – 2.26 mmH <sub>2</sub> O
Input power	• 4.2W at 12VDC
Maximum rated input current	• 0.35A
Nominal input Voltage	• 12V
Minimum startup voltage	• 6V
MTTF	• 90,000 hrs.
Unit weight	• 499 g
Package weight	• 548 g
Cable length	• 1000 mm
Cable type	• Black ribbon cable
Packaging dimensions including hanging tab	• 227 x 182 x 40 mm
Packaging dimensions excluding hanging tab	• 182 x 182 x 40 mm

# Package contents

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- Dynamic X2 GP-18 fan
- 4 x fan screws
- 4 x extra-long radiator screws

# Additional information

Product	SKU	EAN	UPC	JAN
Dynamic X2 GP-18 PWM Black	FD-FAN-DYN-X2-GP18-PWM-BK	7340172702573	843276102579	4537694277402