

**MULTI\*WING™**

# **SMART COOLING FOR NEXT-GEN POWERTRAINS**

**DCMAX™ AXIAL FANS**



# THE FUTURE of Mobility is Electric, Hybrid, and High-efficiency

The Multi-Wing DCmax™ axial fans are designed for modern off-highway vehicles, industrial applications, and agricultural machinery. Whether powered by internal combustion engines, fuel cells, or fully electric systems, DCmax™ delivers powerful, controlled airflow that keeps components cool, systems stable, and efficiency high.

Built with flexibility in mind, DCmax™ features a modular design that simplifies integration across platforms and cooling strategies. From plug-and-play setup to reverse-run cleaning, it's made to reduce development time, simplify servicing, and perform reliably in the toughest environments.

## WHY CHOOSE DCMAX™?

1

Designed for the unique demands of electric and hybrid powertrains

2

High-efficiency airflow with precise control and minimal power draw

3

Quiet operation for sensitive environments and operator comfort

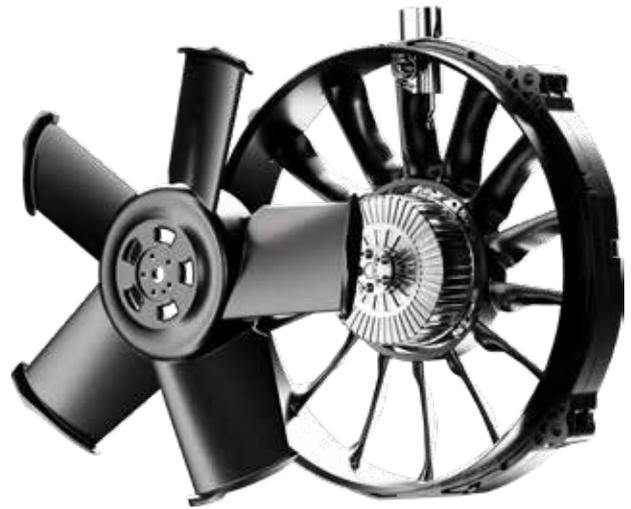
4

Extends battery range and component durability

# GET READY TO BE BLOWN AWAY

Elevated performance characteristics and ability to tailor to any customer's application design make the DCmax™ a perfect fit for modern powertrain cooling.

Fan Size	∅ 320 mm (12.60 in)
Power	800W
Voltage Level	24VDC



## Flexible Mounting Options

M6 on BCD 337 mm (13.27 in)  
M8 on BCD 350 mm (13.78 in)

## Modular Design Concept

Connector options  
Cable length  
ISO 13857 compliant fan guard

## Design Configurations

Pusher  
Puller

## Operating Ambient Temperature

-40 to 110°C  
-40 to 230°F

## IP Protection Class

IP68 and IP6K9K

## Operating Supply Voltage

16-32 V

## Reverse Run Functionality

Yes

## Communication

PWM

# PERFORMANCE BUILT FOR OFF-HIGHWAY

DCmax™ is made to meet the daily demands of off-highway vehicles, with a broader performance range and stronger pressure capabilities right where it counts.

DCmax™ delivers up to 10% more airflow and up to 17% higher pressure build compared to other DC electric fans of the same size, drawing the same electric power. So whether you're dealing with extreme cooling loads or chasing greater energy efficiency, DCmax™ helps you push performance further.

And because real-world integration matters, DCmax™ fans come with customer-specific connectors, tailored harness configurations, and ISO-compliant fan guard options that ensure seamless integration in any application.

## DCmax™ Delivers Up to

**17%**

**Higher  
Pressure Build**

**10%**

**More  
Airflow**





# MODULAR FAN DESIGN FOR ALL POWERTRAIN OPTIONS

The DCmax™ modular axial fan features optimized blade profile, designed to meet the specific demands of battery electric powertrains. Available in both puller and pusher configurations, this fan offers several electric interface configurations for seamless electric integration. The plug-and-play

fan guards adhere to ISO 13857 standards for quick and secure installation.

The DCmax™312 is capable of solving the air-cooling challenges of various powertrain options thanks to its optimized design and ability of generating additional air-flow and pressure performances.

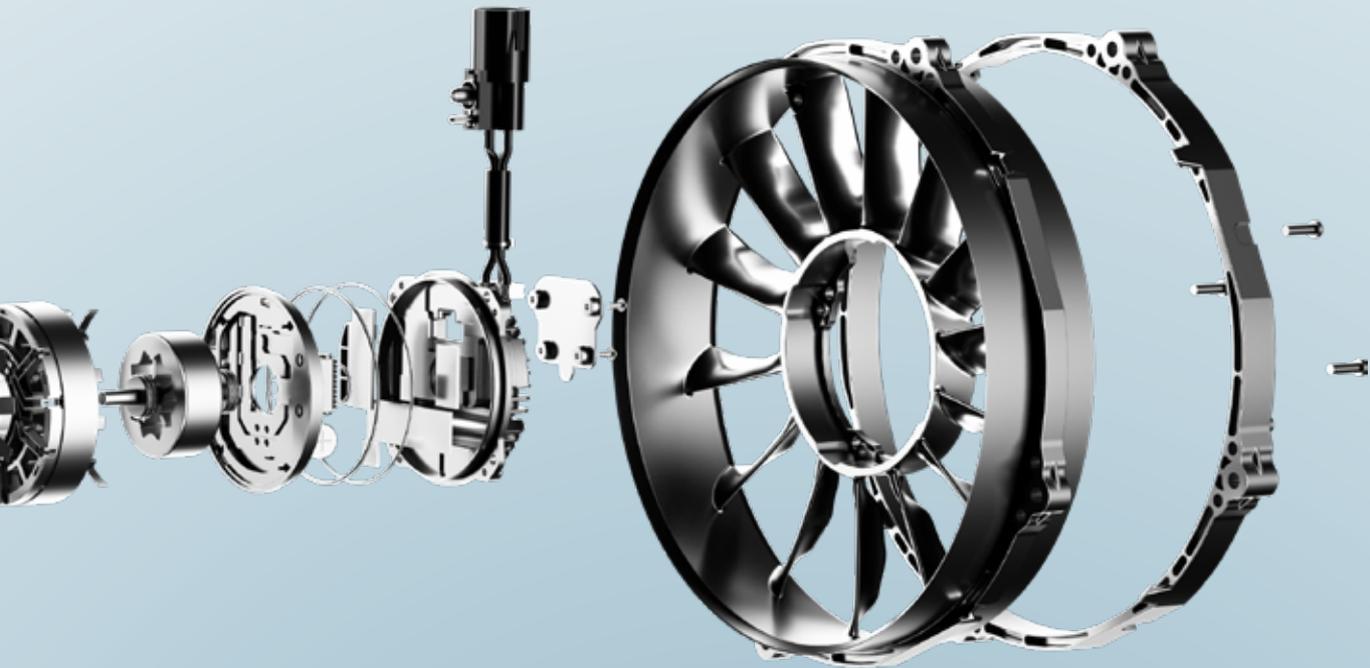


## Those Powertrain Options will Include

-  **Internal Combustion Engines**  
(Diesel, H2, HVO, etc.)
-  **Fuel Cells**
-  **Battery-Electric Drives**

## The Solution for Harsh Environments

**DCMAX™312LD** is designed to work in very dusty, very rough environments, still offering the same high performance.



**GLOBAL REACH,  
LOCAL PRESENCE**



**GET IN TOUCH**  
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