

## Delta WFB1212H

# Delta WFB1212H 12V 120mm Inverter Fan User Manual

## INTRODUCTION

This manual provides instructions for the installation, operation, and maintenance of the Delta WFB1212H 12V 120mm Inverter Fan. Please read this manual thoroughly before use to ensure proper function and longevity of the product.

## SAFETY INFORMATION

- Ensure power is disconnected before installation or maintenance.
- Do not obstruct the fan blades during operation.
- Use only with compatible 12V DC power sources.
- Avoid contact with moving parts.
- This fan is designed for inverter applications.

## PACKAGE CONTENTS

- 1 x Delta WFB1212H 12V 120mm Inverter Fan

## SPECIFICATIONS

Feature	Detail
Model	WFB1212H
Size	120 x 120 x 25 mm (4.72"L x 0.98"W x 4.72"H)

Feature	Detail
Voltage	DC 12V
Current	0.45A
Power Connector	4-Pin
Material	Copper
Compatible Devices	Inverter

## SETUP AND INSTALLATION

The Delta WFB1212H fan is designed for easy integration into compatible systems, primarily inverters.

- 1. Identify Mounting Location:** Select a suitable location within your device that allows for optimal airflow and secure mounting. Ensure there is adequate space for the fan's dimensions (120x120x25mm).
- 2. Secure the Fan:** Use appropriate screws (not included) to mount the fan securely to the chassis or mounting bracket. Ensure the fan is oriented correctly for desired airflow direction.
- 3. Connect Power:** Connect the 4-pin power connector of the fan to a compatible 12V DC power source on your device. Ensure the connector is fully seated.
- 4. Verify Connection:** Double-check all connections before applying power to the system.



Figure 1: Front view of the Delta WFB1212H fan, illustrating the fan's design and power connector.



*Figure 2: Side profile of the fan, showing its dimensions and frame.*

## OPERATION

Once properly installed and connected, the Delta WFB1212H fan will begin operating when power is supplied to the system.

- The fan is designed to provide cooling for inverter systems.
- Monitor the fan's operation to ensure consistent airflow and proper function.
- The 4-pin connector typically allows for speed control and RPM monitoring, depending on the host system's capabilities. Refer to your inverter's manual for specific control options.

## MAINTENANCE

Regular maintenance helps ensure optimal performance and extends the lifespan of your fan.

- **Cleaning:** Periodically inspect the fan blades and housing for dust accumulation. Use compressed air or a soft brush to gently remove dust. Ensure the fan is powered off before cleaning.

- **Inspection:** Check for any signs of wear, damage, or unusual noise during operation.
- **Lubrication:** This fan is a DC brushless type and typically does not require user lubrication.



Figure 3: Back view of the fan, useful for understanding airflow direction and mounting.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Fan not spinning	No power	Check power connection and source.
Fan not spinning	Incorrect connection	Ensure 4-pin connector is correctly seated.
Fan making unusual noise	Obstruction	Power off and inspect for debris or obstructions.
Fan making unusual noise	Loose mounting	Ensure fan is securely mounted.

Problem	Possible Cause	Solution
Insufficient cooling	Restricted airflow	Clean dust from fan blades and ensure vents are clear.

## WARRANTY AND SUPPORT




For questions regarding installation, operation, or troubleshooting that are not covered in this manual, please contact the seller or manufacturer.




This product is typically covered by a standard manufacturer's warranty. Please refer to your purchase documentation for specific warranty terms and conditions.

For further assistance, you may visit the [product page on Amazon](#).

*Delta WFB1212H User Manual - Version 1.0*

## Related Documents - WFB1212H

 <p>PV INVERTER Three-Phase / M100A_280</p> <p><b>Features</b></p> <ul style="list-style-type: none"><li>• High efficiency and low THD</li><li>• Wide input voltage range</li><li>• High surge current capability</li><li>• High power factor</li><li>• High reliability</li><li>• High safety</li><li>• High performance</li></ul> <p>DELTA</p>	<p><a href="#">Delta M100A_280 Three-Phase PV Inverter Specifications and Features</a></p> <p>Detailed specifications, features, and system architecture for the Delta M100A_280 three-phase PV inverter, highlighting its high efficiency, fast installation, and advanced communication capabilities.</p>
 <p>Grid-tie Transformerless Hybrid Inverter H5E_220 Operation and Installation Manual</p> <p>DELTA</p>	<p><a href="#">Delta H5E_220 Grid-tie Transformerless Hybrid Inverter: Operation &amp; Installation Manual</a></p> <p>This manual provides comprehensive instructions for the operation, installation, and maintenance of the Delta H5E_220 grid-tie transformerless hybrid inverter. Learn about its features, wiring, and safety guidelines for optimal performance in solar energy systems.</p>
 <p>User Manual INV09-GC 1000W</p> <p>Warning!</p> <p>DELTA</p>	<p><a href="#">DELTA INV09-GC 1000W Pure Sine Wave Inverter User Manual</a></p> <p>User manual for the DELTA INV09-GC 1000W Pure Sine Wave Inverter. Provides essential safety instructions, product specifications, and usage guidelines for converting 12V DC to 230V AC power for various applications.</p>

	<p><a href="#"><u>Delta H5E_220 Grid-tie Transformerless Hybrid Inverter Operation and Installation Manual</u></a></p> <p>This manual provides comprehensive operation and installation guidance for the Delta H5E_220 grid-tie transformerless hybrid inverter, detailing its features, setup, modes, maintenance, and technical specifications.</p>
	<p><a href="#"><u>Delta 100kW PCS Operation Manual: Installation and Usage Guide</u></a></p> <p>This operation manual from Delta provides comprehensive instructions for the 100kW Power Conditioning System (PCS). It details installation, safety guidelines, system power management, front panel operations, PCS HMI Tool usage, and configurable parameters for optimal performance and grid compliance.</p>
	<p><a href="#"><u>Delta H5E_220 Grid-tie Hybrid Inverter Operation and Installation Manual</u></a></p> <p>Comprehensive operation and installation manual for the Delta H5E_220 Grid-tie Transformerless Hybrid Inverter, covering setup, wiring, safety, and maintenance for solar power systems.</p>