

# Longi 540W photovoltaic panel specifications

## 12.8V 100Ah



## Overview

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The Longi LR5-72HBD-540M solar panel is designed for optimal performance, offering 540W of power and a high efficiency of 21. With its bifacial technology, it captures light from both sides to increase energy yield, making it an excellent choice for rooftop or ground-mounted. Advanced Half-Cut Cell Benefits: The 144 half-cut PERC cells not only improve shading tolerance and reduce hot spots but also maintain 95% efficiency even at 200W/m<sup>2</sup> irradiance, ensuring consistent performance during cloudy conditions and early morning/late evening hours. With an indomitable spirit and an unwavering passion for excellence, the Longi Solar 540W model redefines the boundaries of what is possible in the world of solar energy. Witness the seamless integration of power and innovation as this remarkable module harnesses the sun's rays with uncompromising. 25°C Specifications included in this datasheet are subject to change without notice. LONGi reserves the right of final interpretation. Ideal for residential and commercial installations, it ensures reliable performance even in low-light conditions. All thanks to a reflective layer on the back.

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### Longi 540w Solar Panel

In addition to its high efficiency and power output, the Longi Solar 540W Mono also has a durable design. It has a reinforced frame that can withstand harsh weather conditions, and it is certified for ...

### Longi 540W Monocrystalline and Bifacial Solar Panel

The Longi LR5-72HBD-540M solar panel is designed for optimal performance, ...



 **TAX FREE**

**1-3MWh**

**BESS**



### LR5-72HBD 540~560M

Specifications included in this datasheet are subject to change without notice. LONGi reserves the right of final interpretation. (20240118PreliminaryV02) For US market.

### LONGi 540W Solar Panel Complete Guide: LR5-72HBD-540M ...

As one of the most sought-after solar panels in 2025, this comprehensive guide examines everything you need to know about the LONGi 540W, from technical specifications to real ...



### LONGi-Downloads

LONGi provides you with the most comprehensive product data information so that you can quickly understand LONGi's full range of products.

### LONGi 540W Solar Panel 144 Cell Bifacial LR5-72HBD-540M Clearance

The solar cells of LR5-72HBD-540M are half the size of those found in standard panels. Major advantages include reduced power consumption, extended life and enhanced efficiency in low-light ...



### Longi 540W Monocrystalline and Bifacial Solar Panel , LR5-72HBD ...

The Longi LR5-72HBD-540M solar panel is designed for optimal performance, offering 540W of power and a high

efficiency of 21.1%. With its bifacial technology, it captures light from both sides to ...



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### **LONGi Solar 540W 144 Half-Cell 1500V Silver Bifacial Solar Panel, ...**

Greentech Renewables supplies LONGi Solar 540W 144 Half-Cell 1500V Silver Bifacial Solar Panel, LR5-72HBD-540M and other pre-qualified solar equipment from LONGi Solar through our extensive ...



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### **Longi Solar 540W Datasheet: Specifications, Performance, and ...**

In this section, we will explore the efficiency, performance, and key features of the Longi Solar 540W module. This data sheet provides valuable information to understand the capabilities and benefits of ...

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### **LONGi 540W Solar Panel 144 Cell-LR5-72HBD-540M - Portlandia ...**

LONGi LR5-72HBD-540M is a high-efficiency bifacial monocrystalline solar

panel featuring 144 half-cut PERC cells and dual-glass construction (glass-transparent backsheet). Max System Voltage: 1500 V ...



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### **LONGi 540W Solar Panel - TSolar**



This advanced solar panel features 144 half-cut PERC cells arranged in a 6x24 configuration, utilizing M10-182mm gallium-doped wafers with smart soldering technology. The module is designed with a ...

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