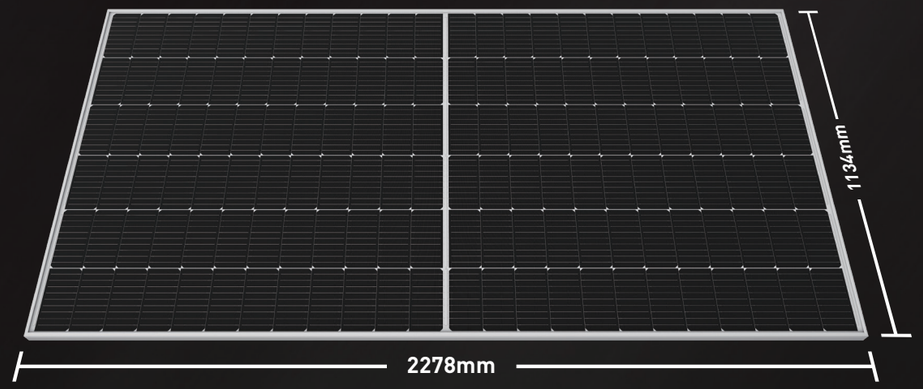
Hi-MO 5

Product specifications

LR5-72HBD



Hi-MO 5				LR5-72HBD
Pmp (W)	540	545	550	555
Voc (V)	49.50	49.65	49.80	49.95
Imp (A)	12.97	13.04	13.12	13.19
Eff (%)	20.9	21.1	21.3	21.5
Dimension / Weight	2278×1134×35mm/32.6kg			
Cell Orientation	12×6×2			

Module parameters may be updated from time to time. Please refer to the specification for specific design

LONGi

www.longi.com

Version 2022.05

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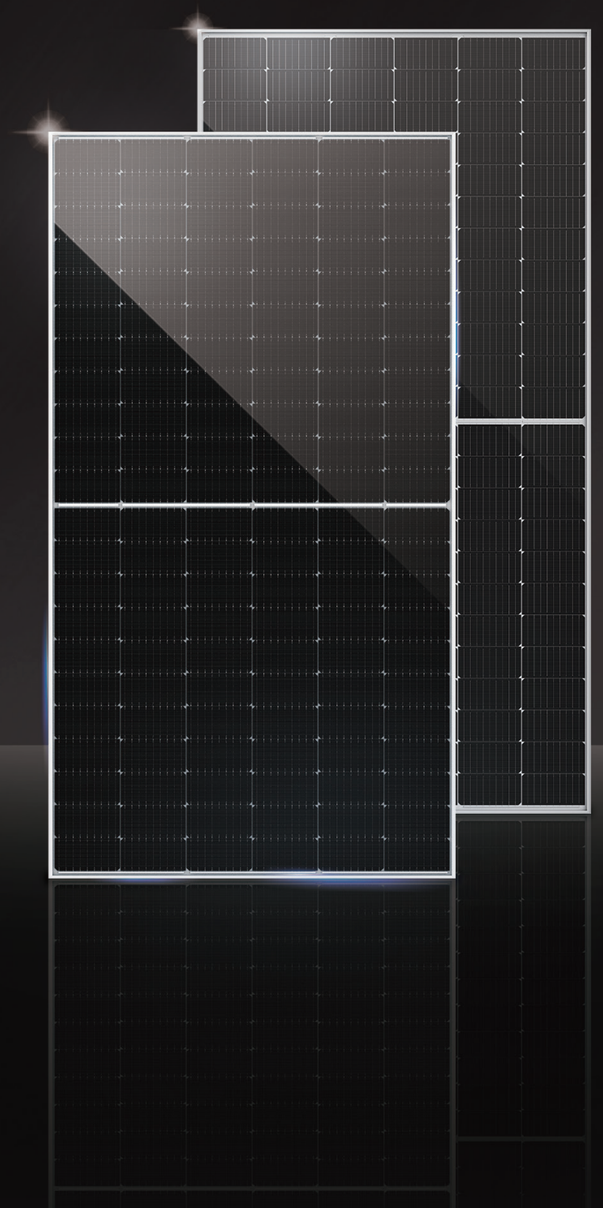


Hi-MO 5

Shaping the future. Once again.

Delivering true value | Higher power, lower LCOE

Hi-MO 5

Outstanding design
Reliable real world applications

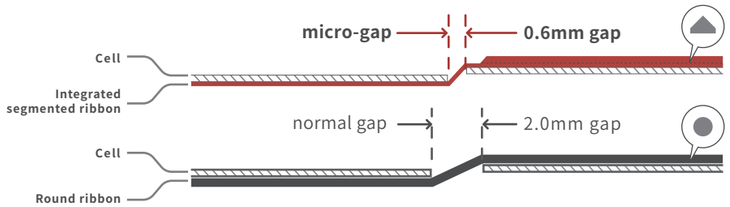
Smart soldering
Improved packing density, reliability and conversion efficiency

LONGi's smart soldering technology uses integrated segmented ribbons. The triangular section maximizes light capturing while the flat section reliably connects cells with reduced gap. Smart soldering technology reduces the tensile stress of the cell by 20%, enabling higher reliability.

Cell gap reduction **2/3**

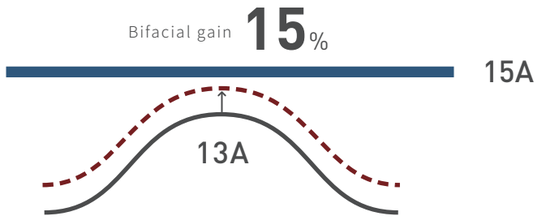
Cell stress reduction **20%**

Gain in module efficiency **0.3%**



Optimized electrical parameters
Fully compatible with inverters

The operating current of LONGi Hi-MO 5 module is about 13A.
Including bifacial gain, the operating current remains within the maximum input current range of advanced inverters, hence there is no power generation loss.



The maximum input current range of. The new-generation of inverters.

Hi-MO 5
Hi-MO 5 operating current(with bifacial impp gain).

Hi-MO 5
Hi-MO 5 operating current.

Optimized module size
Perfectly matched with tracking systems

Hi-MO 5 module is compatible with mainstream 1P and 2P horizontal single axis tracking system.
Bifacial module + tracking system can achieve the lowest LCOE in low latitude areas

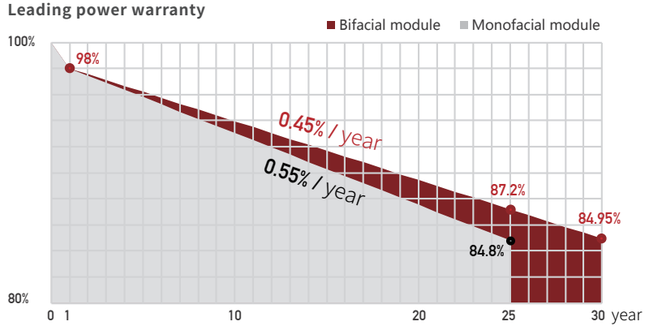
1P
Horizontal single axis tracker

2P
Horizontal single axis tracker

Gallium-doped technology
P-type module with lowest LID

LONGi products use gallium-doped PERC cells.
Better LID performance with stable, long-term power generation.

Leading power warranty

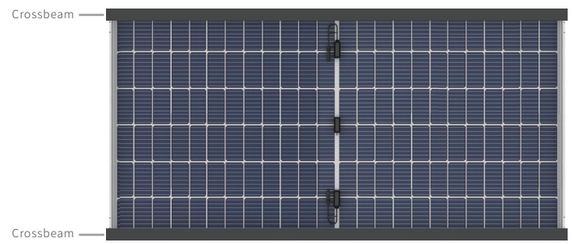


≤2%
1st year degradation

-0.45%
Linear annual degradation after the 1st year

Double-glass with frame
The strongest bifacial module

Hi-MO 5 adopts bifacial double-glass with frame which provides exceptional strength for higher load capacity. Qualified for 5400Pa static load on the front when there is no cross-beam on the back of the module (as shown in the figure).Avoids shading loss due to cross-beam at the back of the module.



Installation method
double glass bifacial module

5400/2400 Pa
Front/rear side loading