



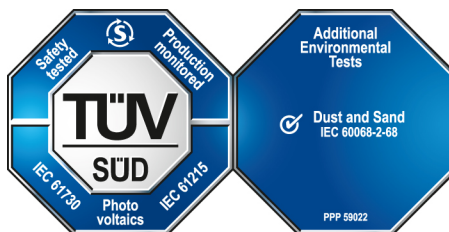
Product Service

CERTIFICATE

No. Z2 099333 0040 Rev. 28

Holder of Certificate: **LONGi Green Energy Technology Co., Ltd.**
No. 388, Middle Hangtian Road
Chang'an District
710100 Xi'an City, Shaanxi
PEOPLE'S REPUBLIC OF CHINA

Certification Mark:



Product: **Crystalline Silicon Terrestrial Photovoltaic (PV) Modules**
Mono-Crystalline Silicon Photovoltaic Module

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition, the certification holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the Testing, Certification, Validation and Verification Regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: 704061718719-29

Valid until: 2029-07-10

Date, 2025-10-31


(Zhulin Zhang)

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Model(s):

LR5-72HBD-xxxM (xxx=500-565, in step of 5)
 LR5-72HBD-xxxMa (xxx=500-565, in step of 5)
 LR5-72HBD-xxxMc (xxx=500-565, in step of 5)
 LR5-72HBD-xxxMc1 (xxx=530-565, in step of 5)
 LR5-72HBD-xxxMc2 (xxx=530-565, in step of 5)
 LR5-72HBD-HD-xxxM (xxx=500-565, in step of 5)
 LR5-72HIBD-xxxM (xxx=500-565, in step of 5)
 LR5-66HBD-xxxM (xxx=475-515, in step of 5)
 LR5-66HIBD-xxxM (xxx=475-515, in step of 5)
 LR5-60HBD-xxxM (xxx=435-470, in step of 5)
 LR5-60HIBD-xxxM (xxx=435-470, in step of 5)
 LR5-54HBD-xxxM (xxx=390-425, in step of 5)
 LR5-54HIBD-xxxM (xxx=390-425, in step of 5)
 LR5-54HABD-xxxM (xxx=395-420, in step of 5)
 LR5-78HBD-xxxM (xxx=570-605, in step of 5)
 LR5-54HABB-xxxM (xxx=395-415, in step of 5)
 LR5-54HIBB-xxxM (xxx=395-415, in step of 5)
 LR5-72HGD-xxxM (xxx=540-595, in step of 5)
 LR5-72HGD-xxxMc (xxx=560-595, in step of 5)
 LR7-72HGD-xxxM (xxx=565-635, in step of 5)
 LR5-72HJD-xxxM (xxx=575-595, in step of 5)
 LR5-72HTDR-xxxM (xxx=550-600, in step of 5)
 LR5-72HTD-xxxM (xxx=550-600, in step of 5)
 LR5-54HTD-xxxM (xxx=415-450, in step of 5)
 LR8-66HGD-xxxM (xxx=595-645, in step of 5)
 LR8-48HGD-xxxM (xxx=430-465, in step of 5)
 LR7-72HTDR-xxxM (xxx=585-655, in step of 5)
 LR7-66HTDR-xxxM (xxx=535-575, in step of 5)
 LR7-60HTDR-xxxM (xxx=485-525, in step of 5)
 LR7-54HTDR-xxxM (xxx=435-475, in step of 5)
 LR7-72HYD-xxxM (xxx=625-660, in step of 5)
 LR7-72HVD-xxxM (xxx=610-670, in step of 5)
 LR7-48HGD-xxxM (xxx=385-415, in step of 5)
 LR7-54HGBB-xxxM (xxx=440-460, in step of 5)
 LR8-66HYD-xxxM (xxx=625-670, in step of 5)
 LR7-54HVD-xxxM (xxx=455-500, in step of 5)
 LR5-78HGD-xxxM (xxx=610-645, in step of 5)
 LR7-72HJD-xxxM (xxx=650-680, in step of 5)
 LR7-66HJD-xxxM (xxx=595-625, in step of 5)
 LR7-60HJD-xxxM (xxx=540-570, in step of 5)
 LR7-54HJD-xxxM (xxx=485-515, in step of 5)
 LR7-48HJD-xxxM (xxx=430-460, in step of 5)
 LR7-36HJD-xxxM (xxx=320-350, in step of 5)
 LR7-32HJD-xxxM (xxx=280-310, in step of 5)
 LR8-66HVD-xxxM (xxx=625-670, in step of 5)
 LR7-60HVD-xxxM (xxx=520-550, in step of 5)
 LR8-54HGBB-xxxM (xxx=490-510, in step of 5)
 LR7-72HVBB-xxxM (xxx=625-655, in step of 5)
 LR7-54HVBB-xxxM (xxx=460-495, in step of 5)
 LR7-72HVDF-xxxM (xxx=610-670, in step of 5)
 LR7-72HJBB-xxxM (xxx=650-680, in step of 5)
 LR7-66HJBB-xxxM (xxx=590-620, in step of 5)
 LR7-60HJBB-xxxM (xxx=535-565, in step of 5)
 LR7-54HJBB-xxxM (xxx=480-510, in step of 5)
 LR7-48HJBB-xxxM (xxx=425-455, in step of 5)
 LR7-36HJBB-xxxM (xxx=315-345, in step of 5)
 LR7-32HJBB-xxxM (xxx=280-310, in step of 5)
 LR8-66HVDF-xxxM (xxx=625-670, in step of 5)
 LR8-66HTD-xxxM (xxx=600-655, in step of 5)
 xxx stands for rated output power at STC.

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Parameters:

Safety Class:	Class II
Max. System Voltage:	1500V DC
Fire Safety Class:	Class C according to UL790
Construction:	Framed or frameless, with Junction box, cable and connector.
Dust and sand test method:	IEC 60068-2-68, LC1 or LC2
Dust/sand type:	95% SiO ₂
Dust /sand concentration:	5g/m ³
Testing air velocity:	20m/s
Test duration:	4h/each side.

Tested according to:

IEC 61215-1:2021
IEC 61215-1-1:2021
IEC 61215-2:2021
IEC 61730-1:2023
IEC 61730-2:2023
PPP 59022C:2025