



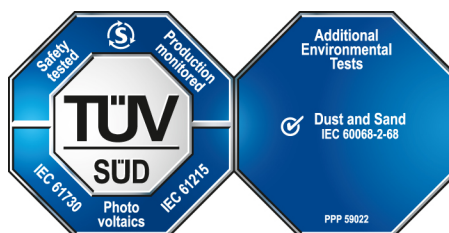
Product Service

# CERTIFICATE

No. Z2 099333 0040 Rev. 14

**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 and certification regulations of TÜV SÜD Group have to be complied. For details see: [www.tuvsud.com/ps-cert](http://www.tuvsud.com/ps-cert)

**Test report no.:** 704061718719-15

**Valid until:** 2027-12-04

**Date,** 2022-12-06

( Zhulin Zhang )

# CERTIFICATE

No. Z2 099333 0040 Rev. 14

## Model(s):

LR6-72BP-xxxM, (xxx=350 to 380 in step of 5)  
 LR6-60BP-xxxM, (xxx=290 to 315 in step of 5)  
 LR6-72DG-xxxM, (xxx=330 to 360 in step of 5)  
 LR6-60DG-xxxM, (xxx=275 to 300 in step of 5)  
 LR6-72PD-xxxM, (xxx=345 to 370 in step of 5)  
 LR6-60PD-xxxM, (xxx=290 to 305 in step of 5)  
 LR6-72HBD-xxxM, (xxx=360 to 395 in step of 5)  
 LR6-60HBD-xxxM, (xxx=300 to 325 in step of 5)  
 LR6-72HIBD-xxxM, (xxx=360 to 380 in step of 5)  
 LR6-60HIBD-xxxM, (xxx=300 to 325 in step of 5)  
 LR6-78HBD-xxxM, (xxx=395 to 410 in step of 5)  
 LR6-78HIBD-xxxM, (xxx=395 to 410 in step of 5)  
 LR6-72OPD-xxxM, (xxx=370 to 410 in step of 5)  
 LR6-60OPD-xxxM, (xxx=325 to 345 in step of 5)  
 LR6-72HPD-xxxM, (xxx=360 to 385 in step of 5)  
 LR6-60HPD-xxxM, (xxx=300 to 320 in step of 5)  
 LR6-72MBD-xxxM, (xxx=365 to 385 in step of 5)  
 LR6-60MBD-xxxM, (xxx=305 to 320 in step of 5)  
 LR6-72MPD-xxxM, (xxx=365 to 385 in step of 5)  
 LR6-60MPD-xxxM, (xxx=305 to 320 in step of 5)  
 LR6-78OPD-xxxM, (xxx=425)  
 LR6-72HBD-xxxMC, (xxx=360 to 395 in step of 5)  
 LR6-60HBD-xxxMC, (xxx=300 to 325 in step of 5)  
 LR6-72HIBD-xxxMC, (xxx=360 to 380 in step of 5)  
 LR6-60HIBD-xxxMC, (xxx=300 to 325 in step of 5)  
 LR4-72HBD-xxxM, (xxx=415 to 455 in step of 5)  
 LR4-60HBD-xxxM, (xxx=345 to 375 in step of 5)  
 LR4-72HIBD-xxxM, (xxx=415 to 450 in step of 5)  
 LR4-60HIBD-xxxM, (xxx=345 to 375 in step of 5)  
 LR4-78HBD-xxxM, (xxx=470 to 495 in step of 5)  
 LR4-78ZBD-xxxM, (xxx=460 to 485 in step of 5)  
 LR5-72HBD-xxxM, (xxx=500 to 565 in step of 5)  
 LR5-66HBD-xxxM, (xxx=475 to 515 in step of 5)  
 LR5-72HIBD-xxxM, (xxx=500 to 565 in step of 5)  
 LR5-66HIBD-xxxM, (xxx=475 to 515 in step of 5)  
 LR5-78ZBD-xxxM, (xxx=565 to 580 in step of 5)  
 LR5-78HBD-xxxM, (xxx=570 to 605 in step of 5)  
 LR5-72HND-xxxM (xxx=540 to 580, in step of 5)  
 LR5-66HND-xxxM (xxx=495 to 530, in step of 5)  
 LR5-60HND-xxxM (xxx=450 to 480, in step of 5)  
 LR5-54HND-xxxM (xxx=405 to 435, in step of 5)  
 LR5-72HTD-xxxM, (xxx=550 to 600 in steps of 5)  
 LR5-60HBD-xxxM, (xxx=435 to 470 in steps of 5)  
 LR5-60HIBD-xxxM, (xxx=435 to 470 in steps of 5)  
 LR5-54HBD-xxxM, (xxx=390 to 425 in steps of 5)  
 LR5-54HIBD-xxxM, (xxx=390 to 425 in steps of 5)  
 LR5-72HBD-xxxMa, (xxx=500 to 565 in step of 5)  
 LR5-72HGD-xxxM, (xxx=540 to 580 in step of 5)  
 xxx stands for rated output power at STC.



# CERTIFICATE

No. Z2 099333 0040 Rev. 14

## 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 <sub>2</sub>
Dust /sand concentration:	5g/m <sup>3</sup>
Testing air velocity:	20m/s
Test duration:	4h/each side.

## Tested according to:

IEC 61215-1:2016  
 IEC 61215-1-1:2016  
 IEC 61215-2:2016  
 IEC 61730-1:2016  
 IEC 61730-2:2016  
 PPP 59022B:2021