



Product Service

C E R T I F I C A T E

No. Z2 099333 0045 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

Test report no.: 704061700516-14**Valid until:** 2026-01-26**Date,** 2021-01-27

(Zhulin Zhang)

C E R T I F I C A T E

No. Z2 099333 0045 Rev. 14

Model(s):

LR6-72HV-xxxM, (xxx=335-360 in step of 5)
LR6-60HV-xxxM, (xxx=280-300 in step of 5)
LR6-72PH-xxxM, (xxx=340-380 in step of 5)
LR6-60PH-xxxM, (xxx=285-315 in step of 5)
LR6-72PH-xxxM, (xxx=365-395 in step of 5)
LR6-72HIH-xxxM, (xxx=365-395 in step of 5)
LR6-60HPH-xxxM, (xxx=300-325, in step of 5)
LR6-60HIH-xxxM, (xxx=300-325 in step of 5)
LR6-72OPH-xxxM, (xxx=385-415 in step of 5)
LR6-60OPH-xxxM, (xxx=335-365 in step of 5)
LR6-72HPH-xxxMC, (xxx=375-390 in step of 5)
LR6-60HPH-xxxMC, (xxx=305-325 in step of 5)
LR6-60ZPH-xxxM, (xxx=330-355 in step of 5)
LR4-72HPH-xxxM, (xxx=420-465 in step of 5)
LR4-72HIH-xxxM, (xxx=420-465 in step of 5)
LR4-60HPH-xxxM, (xxx=350-380 in step of 5)
LR4-60HIH-xxxM, (xxx=350-380 in step of 5)
LR4-72ZPH-xxxM, (xxx=420-435 in step of 5)
LR4-60ZPH-xxxM, (xxx=350-365 in step of 5)
LR4-78ZPH-xxxM, (xxx=455-485 in step of 5)
LR5-72HPH-xxxM, (xxx=525-555 in step of 5)
LR5-66HPH-xxxM, (xxx=480-505 in step of 5)
LR4-66HPH-xxxM, (xxx=395-415 in step of 5)
LR4-66HIH-xxxM, (xxx=395-415 in step of 5)
LR5-72HIH-xxxM, (xxx=525-545 in step of 5)
LR5-66HIH-xxxM, (xxx=480-500 in step of 5)
xxx is standing for rated output power at STC

Parameters:

Fire Safety Class: Class C according to UL790.
Safety Class: Class II
Max. System Voltage: 1500V DC
Test Laboratory: Yangzhou Opto-Electrical Products Testing Institute.
No.10 West Kaifa Road, Yangzhou 225009 Jiangsu, P.R. China.
Construction: Framed, with Junction box, cable and connector.

Tested according to:

IEC 61215-1:2016
IEC 61215-1-1:2016
IEC 61215-2:2016
IEC 61730-1:2016
IEC 61730-2:2016
EN 61215-1:2016
EN 61215-1-1:2016
EN 61215-2:2017
EN IEC 61730-1:2018
EN IEC 61730-1:2018/AC:2018-06
EN IEC 61730-2:2018
EN IEC 61730-2:2018/AC:2018-06



Certificate of Compliance

Certificate: 80027925

Master Contract: 266494

Project: 80077617

Date Issued: 2021-04-23

Issued to: Longi Green Energy Technology Co., Ltd.
No. 388, Middle Hangtian Road
Chang'an District, Xi'an, Shaanxi, 710100
China

Attention: Fei Zhuang

The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only



Issued by: Tom Yang
Tom Yang

PRODUCTS

CLASS - C531110 - POWER SUPPLIES-Photovoltaic Modules and Panels

CLASS - C531190 - POWER SUPPLIES-Photovoltaic Modules and Panels - Certified to US Standards

Mono-Crystalline-Si photovoltaic modules with maximum system voltage of 1000V or 1500 V dc, Safety Class II PV modules. Model series:

LR6-72-xxxM (xxx=320-350, in step of 5),
LR6-72HV-xxxM (xxx=320-350, in step of 5),
LR6-72BK-xxxM (xxx=320-350, in step of 5),
LR6-72PE-xxxM (xxx=360-380, in step of 5),
LR6-72PH-xxxM (xxx=360-380, in step of 5),
LR6-72PB-xxxM (xxx=340-380, in step of 5),
LR6-72HPB-xxxM (xxx=360-385, in step of 5),
LR6-72HIB-xxxM (xxx=360-385, in step of 5),

LR6-60-xxxM (xxx=270-300, in step of 5),
LR6-60HV-xxxM (xxx=270-300, in step of 5),
LR6-60BK-xxxM (xxx=270-300, in step of 5),
LR6-60PE-xxxM (xxx=300-320, in step of 5),
LR6-60PH-xxxM (xxx=300-320, in step of 5),
LR6-60PB-xxxM (xxx=280-320, in step of 5),
LR6-60OP-xxxM (xxx=350-370, in step of 5),



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LR6-60OPB-xxxM (xxx=345-365, in step of 5),
LR6-72OPH-xxxM (xxx=385-415, in step of 5),
LR6-60OPH-xxxM (xxx=335-365, in step of 5),
LR6-72HPH-xxxM (xxx=365-395, in step of 5),
LR6-72HIH-xxxM (xxx=365-395, in step of 5),
LR6-60HPH-xxxM (xxx=300-330, in step of 5),
LR6-60HPB-xxxM (xxx=295-320, in step of 5),
LR6-60HIB-xxxM (xxx=295-320, in step of 5),
LR6-60HIH-xxxM (xxx=300-330, in step of 5),
LR6-60ZPH-xxxM (xxx=335-355, in step of 5),

LR4-72HPB-xxxM (xxx=405-455, in step of 5),
LR4-72HIB-xxxM (xxx=405-455, in step of 5),
LR4-72HPH-xxxM (xxx=420-465, in step of 5),
LR4-72HIH-xxxM (xxx=420-455, in step of 5),

LR4-66HPH-xxxM (xxx=395-425, in step of 5),
LR4-66HP-xxxM (xxx=395-425, in step of 5),
LR4-66HIH-xxxM (xxx=395-425, in step of 5),

LR4-60HPB-xxxM (xxx=345-370, in step of 5),
LR4-60HIB-xxxM (xxx=335-380, in step of 5),
LR4-60HPH-xxxM (xxx=350-385, in step of 5),
LR4-60HP-xxxM (xxx=350-385, in step of 5),
LR4-60HIH-xxxM (xxx=350-380, in step of 5),
LR4-60ZPB-xxxM (xxx=340-360, in step of 5),
LR4-72ZPH-xxxM (xxx=420-440, in step of 5),
LR4-78ZPH-xxxM (xxx=450-485, in step of 5),

LR5-66HPH-xxxM (xxx=480-500, in step of 5),
LR5-66HIH-xxxM (xxx=480-500, in step of 5),
LR5-72HPH-xxxM (xxx=525-555, in step of 5),
LR5-72HIH-xxxM (xxx=525-545, in step of 5).

Note:

1. All electrical data are shown as relative to standard test conditions (STC) (1 000 W/m², (25 ± 2) °C, AM 1,5 according to IEC 60904-3).
2. Manufacturer's stated tolerance is ±3% for Voc and Pm, and Isc.
3. All modules model with suffix 'HV' after '72' or '60', can be used in PV system with maximum system voltage 1500 V dc.
4. All modules model with suffix 'BK' after '72' or '60', are black modules (substrate is in black color).
5. All modules model with suffix 'PH' after '72' or '60', are modules with PERC cells used in maximum system voltage of 1500 V dc.
6. All modules model with suffix 'PE' after '72' or '60', are modules with PERC cells used in maximum system voltage of 1000 V dc.



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7. All modules model with suffix 'PB' after '72' or '60', are black modules with PERC cell (substrate is in black color).
8. All modules model with suffix 'OPH' after '72' or '60', are modules with 1/6 cut cells used in maximum system voltage of 1500 V dc.
9. All modules model with suffix 'HPH' or 'HIH' after '72' or '66' or '60', are modules with 1/2 cut cells used in maximum system voltage of 1500 V dc.
10. All modules model with suffix 'HPB' after '72' or '60', are black modules with 1/2 cut cells used in maximum system voltage of 1000 V dc.
11. LR6 is for models with 156mm cells, LR4 is for models with 166mm cells, LR5 is for models with 182mm cells.
12. For details related to rating, size, configuration, etc. reference should be made to CSA Certification Record or the descriptive report.
13. All modules model with suffix 'ZPH' after '72' or '60', are modules with 1/2 cut cells, total cells no. is 144 or 120, Zero Clearance Perc used in maximum system voltage of 1500 V dc.
14. All modules model with suffix 'ZPB' after '72' or '60', are black modules with 1/2 cut cells, total cells no. is 144 or 120, Zero Clearance Perc used in maximum system voltage of 1500 V dc.
15. All modules model with suffix 'ZPH' after '78' or '72' or '60', are modules with 1/2 cut cells, total cells no. is 156 or 144 or 120, Zero Clearance Perc used in maximum system voltage of 1500 V dc.
16. All modules model with suffix 'OP' after '60', are modules with 1/5 cut cells used in maximum system voltage of 1000 V dc.
17. All modules model with suffix 'OPB' after '60', are modules with 1/5 cut cells used in maximum system voltage of 1000 V dc, black color.
18. The operating ambient temperature of these devices may exceed 40°C at full load for all wire sizes if it is determined suitable in the field use application.

APPLICABLE REQUIREMENTS

CSA C22.2 No. 61730-1:19	Photovoltaic (PV) module safety qualification - Part 1: Requirements for construction, 2019-12
CSA C22.2 No. 61730-2:19	Photovoltaic (PV) module safety qualification - Part 2: Requirements for testing, 2019-12
UL 61730-1 1 st Edition	Photovoltaic (PV) Module Safety Qualification - Part 1: Requirements for Construction, 2017-12-04, revision date 2020-04-30
UL 61730-2 1 st Edition	Photovoltaic (PV) Module Safety Qualification - Part 2: Requirements for Testing, 2017-12-04, revision date 2020-04-30



Supplement to Certificate of Compliance

Certificate: 80027925

Master Contract: 266494

The products listed, including the latest revision described below, are eligible to be marked in accordance with the referenced Certificate.

Product Certification History

Project	Date	Description
80077617	2021-04-23	Update report to alternate frame design for model series LR4-72HPB-xxxM, alternate label 50 micron White PET TC/S333, which only changes the color as the approved one.
80075511	2021-04-13	Update report to add alternate encapsulation S201MT1/S201MT2 by Shanghai HIUV New Materials Co Ltd, alternate black color for substrate BEC-306D, combined with F806PS, and S201MT2, and alternate encapsulation LRET/LREC, LRET/LREW by Longi Green Energy Technology Co Ltd, as a multiple listee with Shanghai HIUV New Materials Co Ltd.
80075689	2021-03-19	Update report to add alternate superstrate glass, manufactured by Henan Ancai Hi-Tech Co., Ltd., AR coated and tempered glass, air side coated, with thickness of 2.8mm and 3.2mm.
80070015	2021-02-26	Update report to include new model series LR5-72HIBD-xxxM and LR5-66HIBD-xxxM, using new cell M10D9B, include new model series LR4-66HP-xxxM, enlarge the power range of LR4-66HIH-xxxM, LR4-66HIH-xxxM, LR4-66HIH-xxxM up to 425W, and add 3.2 mm thickness glass by Shanxi Rishengda New Material Technology Co., Ltd.
80062976	2021-02-18	Update report to add alternate string interconnectors with black coating.
80061338	2021-02-07	Update report to include: (1) Alternate cell design for type M6B9B; (2) Alternate flux agent, manufactured by Asahi Solder Technology (Wuxi) Co., Ltd., type SF56; (3) Alternate bypass diode used in junction box Longi PV-LR03A, manufactured by Zhejiang Zhonghuan Sunter PV Technology Co., Ltd., type 30SQ045.
80048181	2021-01-12	Update report to include: (1) New encapsulation and substrate combinations, (a) "Changzhou Sveck Photovoltaic New Material Co., Ltd.", type "SV-15296" above cells, type "SV-15297W" below cells, with "Jolywood (Suzhou) Sunwatt Co., Ltd.", type "TFB-30(plus)"; (b) "Shanghai HIUV New Materials Co., Ltd." type "S201MT1" above cells, type "S201W" below cells, with "Jolywood (Suzhou) Sunwatt Co., Ltd.", type "TFB-30(plus)"; (2) New model series LR4-66HPH-xxxM (xxx=395 to 415) and LR4-66HIH-xxxM (xxx=395 to 415).
80063163	2020-12-18	Update report to include new model series LR5-72HPH-xxxM and LR5-66HPH-xxxM, using halved cut cell M10B9B.
80048180	2020-12-07	Update report to include: (1) Alternative superstrate, "Shanxi Rishengda New Material Technology Co., Ltd.", type "AR coated tempered glass 2.8mm"; (2)



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Alternative substrate, "Suzhou First PV Material Co., Ltd.", type "BEC-306D"; (3) New encapsulation and substrate combinations; (4) Alternative junction box adhesive, "Chengdu Guibao Science & Technology Co., Ltd.", type "888N"; (5) Alternative frame adhesive, "Chengdu Guibao Science & Technology Co., Ltd.", type "888N"; (6) Alternative potting material, "Chengdu Guibao Science & Technology Co., Ltd.", type "4808"; (7) Alternative potting material, "JIANGSU TIANCHEN NEW MATERIALS CO LTD", type "HT6360"; (8) Alternative fixing tape, manufactured by "Cybrid Technologies Inc", type "FF3665".

80055541	2020-11-02	Update report 80027925 to add new design for model series LR6-60OP-xxxM and LR6-60OPB-xxxM.
80055320	2020-09-25	Update report 80027925 to add new designed model series LR4-78ZPH-xxxM, alternate cell M6B6B, and cell manufacturer LONGI KUCHING SDN BHD.
80048179	2020-09-04	Update report to include: (1) Alternative superstrate glasses with reduced thickness, manufactured by Xinfuxing and Topray, with thickness reduction from 3.2mm to 2.8mm; (2) New encapsulation and substrate combinations; (3) Alternative fixing tape, manufactured by "Yantai Darbond Technology Co., Ltd.", type "DT-9609".
80052303	2020-08-18	Update report to include new frame design with new end rail size 15mm and 13mm, alternate laminate design without change in clearance and creepage.
80052563	2020-08-18	Update report to include alternate white encapsulation F406PS/F806W, SV-15296/SV-15297W, and the combination of approved 3 white encapsulates with by Crown BF-TM4, and diode manufacturer as requested, alternate fixing tape UV-T, and missed 4.0 x 0.3mm string interconnector in project 80027422(Ed. 5).
80042860	2020-07-24	Update report to add new 30 mm x 30mm frame design for LR4-60HPH model series.
80042752	2020-07-24	Update report to add alternate substrate MGTPE390.
80037991	2020-06-17	Update report to add model series using new cell M6E6B, by Vina Cell technology Co., Ltd., and flux SF105.
80036991	2020-06-17	Update report to add alternate encapsulate S201W, with combination of substrate TPP1 and TPP.
80027404	2020-06-10	Update report to add alternate substrates ETT15S-1, TPP1, TFB-30(plus) used in maximum system voltage of 1500V dc, and ETT10S-7, TPP, used in maximum system voltage of 1000V dc.
80024182	2020-04-27	Update report to add model series LR6-60ZPH-xxxM, LR6-60ZPB-xxxM and LR6-72ZPH-xxxM with new cells M2B6B and M6B6B, add model series LR4-60HP-xxxM with maximum system voltage of 1000V dc.
80035966	2020-03-20	Update report to add alternate cells interconnectors, and alternate output wiring compartments PV-LR02A, PV-LR02C, PV-LR03A, PV-LR03C, PV-LR04A.
80027422	2020-03-20	Update report to add alternate cells M6B9B and M6E9B, interconnectors, and alternate module sizes for models with 9bb M6 cells.



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80034137	2020-02-27	Update report to add new model series LR4-72HPB-xxxM, LR4-72HPH-xxxM, LR4-60HPB-xxxM, LR4-60HPH-xxxM, with new cell M6E6B.
80023863	2020-02-20	Update report to add model series using new cells M2C5B, M2C6B, M6C6B, and related model series.
80030666	2020-01-09	Update report to add combinations of materials and new model series, as a reference of Test Report No. 704061802022-05, 704061802022-06 by TÜV SÜD Certification and Testing (China) Co., Ltd, and previous CSA Projects.
80027925	2019-12-17	Original certification



Product Service

CERTIFICATE

No. Z2 099333 0045 Rev. 07

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. See also notes overleaf.

Test report no.: 704061700516-07

Valid until: 2025-03-10

Date, 2020-03-11

(Zhulin Zhang

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j-ki



Product Service

C E R T I F I C A T E

No. Z2 099333 0045 Rev. 07

Model(s):

LR6-72HV-xxxM, (xxx=335-360 in step of 5)
LR6-60HV-xxxM, (xxx=280-300 in step of 5)
LR6-72PH-xxxM, (xxx=340-380 in step of 5)
LR6-60PH-xxxM, (xxx=285-315 in step of 5)
LR6-72HPH-xxxM, (xxx=365-395 in step of 5)
LR6-72HIH-xxxM, (xxx=365-395 in step of 5)
LR6-60HPH-xxxM, (xxx=300-325, in step of 5)
LR6-60HIH-xxxM, (xxx=300-325 in step of 5)
LR6-72OPH-xxxM, (xxx=385-415 in step of 5)
LR6-60OPH-xxxM, (xxx=335-365 in step of 5)
LR6-72HPH-xxxMC, (xxx=375-390 in step of 5)
LR6-60HPH-xxxMC, (xxx=305-325 in step of 5)
LR6-60ZPH-xxxM, (xxx=330-355 in step of 5)
LR4-72HPH-xxxM, (xxx=420-455 in step of 5)
LR4-72HIH-xxxM, (xxx=420-440 in step of 5)
LR4-60HPH-xxxM, (xxx=350-375 in step of 5)
LR4-60HIH-xxxM, (xxx=350-370 in step of 5)
LR4-72ZPH-xxxM, (xxx=420-435 in step of 5)
LR4-60ZPH-xxxM, (xxx=350-365 in step of 5)
xxx is standing for rated output power at STC

Parameters:

Fire Safety Class: Class C according to UL790.
Safety Class: Class II
Max. System Voltage: 1500V DC
Test Laboratory: Yangzhou Opto-Electrical Products Testing Institute.
No.10 West Kaifa Road, Yangzhou, 225009 Jiangsu, P.R.China.
Construction: Framed, with Junction box, cable and connector.

Tested according to:

IEC 61215-1:2016
IEC 61215-1-1:2016
IEC 61215-2:2016
IEC 61730-1:2016
IEC 61730-2:2016
EN 61215-1:2016
EN 61215-1-1:2016
EN 61215-2:2017
EN IEC 61730-1:2018
EN IEC 61730-1:2018/AC:2018-06
EN IEC 61730-2:2018
EN IEC 61730-2:2018/AC:2018-06

Production Facility(ies):

099605, 099626, 099606, 090968, 001192, 002875, 096558, 102892, 097323, 103410, 103841

环境管理体系认证证书

证书编号: 00119E31909R1L/6100

兹证明

【隆基乐叶光伏科技有限公司(及其下属公司):浙江隆基乐叶光伏科技有限公司、泰州隆基乐叶光伏科技有限公司、合肥隆基乐叶光伏科技有限公司、银川隆基乐叶光伏科技有限公司、滁州隆基乐叶光伏科技有限公司】

总部(隆基乐叶光伏科技有限公司):

注册地址: 中国陕西省西安市未央区经济技术开发区草滩生态产业园尚苑路 8369 号

运营地址: 中国陕西省西安市未央区经济技术开发区尚稷路 8999 号 B 座

生产地址: 中国陕西省西安市未央区经济技术开发区草滩生态产业园尚苑路 8369 号

浙江隆基乐叶光伏科技有限公司

注册/生产地址: 中国浙江省衢州市衢江区衢州经济开发区东港工业功能区百灵中路 2 号

运营地址: 中国浙江省衢州市衢江区经济开发区东港工业功能区东港二路 46 号

泰州隆基乐叶光伏科技有限公司

注册地址: 中国江苏省泰州市海陵区兴泰南路 268 号

运营地址 1: 中国江苏省泰州市海陵区兴泰南路 268 号

运营地址 2: 中国江苏省泰州市海陵区泰康路 8 号

合肥隆基乐叶光伏科技有限公司

注册/运营地址: 中国安徽省合肥市高新区长宁大道 888 号 S1 车间

银川隆基乐叶光伏科技有限公司

注册/运营地址: 中国宁夏回族自治区银川市西夏区银川经济技术开发区战略新兴产业加工区 8 号厂房

滁州隆基乐叶光伏科技有限公司

注册/运营地址: 中国安徽省滁州市南谯区韭安路 19 号

建立的环境管理体系符合标准:

GB/T 24001-2016 / ISO 14001:2015

通过认证范围如下:

隆基乐叶光伏科技有限公司: 晶体硅光伏电池、组件的设计、生产及相关管理活动
浙江隆基乐叶光伏科技有限公司: 晶体硅光伏组件的生产及相关管理活动
泰州隆基乐叶光伏科技有限公司: 晶体硅光伏电池、组件的生产及相关管理活动
合肥隆基乐叶光伏科技有限公司: 晶体硅光伏电池的生产及相关管理活动
银川隆基乐叶光伏科技有限公司: 晶体硅光伏组件的生产及相关管理活动
滁州隆基乐叶光伏科技有限公司: 晶体硅光伏组件的生产及相关管理活动

首次发证日期: 2016 年 7 月 18 日 本次发证日期: 2019 年 7 月 12 日 有效期至: 2022 年 7 月 17 日

在一个监督周期后, 本证书必须与 CQC 签发的监督审核合格通知书合并使用方可有效。查询证书有效状态请登陆 www.cqc.com.cn。

本证书信息可在国家认证认可监督管理委员会官方网站 (www.cnca.gov.cn) 上查询



中国认可
国际互认
管理体系
MANAGEMENT SYSTEM

Signed by: Lu Mei



中国 质量 认证 中心

中国·北京·南四环西路188号9区 100070

<http://www.cqc.com.cn>





ENVIRONMENTAL MANAGEMENT SYSTEM CERTIFICATE

Certificate No. 00119E31909R1L/6100

We hereby certify that

LONGi Solar Technology Co., Ltd. (Subsidiary: LONGi Solar Technology (Zhejiang) Co., Ltd. LONGi Solar Technology (Taizhou) Co., Ltd. LONGi Solar Technology (Hefei) Co., Ltd. LONGi Solar Technology (Yinchuan) Co., Ltd. LONGi Solar Technology (Chuzhou) Co., Ltd.)

Registered Address: No. 8369, Shangyuan Road, Caotan Eco-Industrial Park, Economic & Technological Development Zone, Weiyan District, Xi'an City, Shaanxi Province, P.R. China

Production Address: Block B, No. 8989, Shangji Road, Economic & Technological Development Zone, Weiyan District, Xi'an City, Shaanxi Province, P.R. China

Production Address: No. 8369, Shangyuan Road, Caotan Eco-Industrial Park, Economic & Technological Development Zone, Weiyan District, Xi'an City, Shaanxi Province, P.R. China

Registered/operation Address: No. 2, Bailing Middle Road, Donggang Industrial Functional Zone, Quzhou City, Zhejiang Province, P.R. China

Production Address: No. 46, Donggang 2nd Road, Donggang Industrial Functional Zone, Quzhou Economic Development Zone, Quzhou City, Zhejiang Province, P.R. China

Registered Address: No. 268, South Xingtai Road, Hailing District, Taizhou City, Jiangsu Province, P.R. China

Operation Address 1: No. 268, South Xingtai Road, Hailing District, Taizhou City, Jiangsu Province, P.R. China

Operation Address 2: No. 8, Taikang Road, Hailing District, Taizhou City, Jiangsu Province, P.R. China

LONGi Solar Technology (Hefei) Co., Ltd.

Registered/operation Address: Workshop S1, No. 888, Changning Avenue, Hi-Tech Industrial Zone, Hefei City, Anhui Province, P.R. China

LONGi Solar Technology (Yinchuan) Co., Ltd.

Registered/operation Address: 8# Building, Strategic Emerging Materials Processing Industry Park, Yinchuan Economic & Technological Development Zone, Xixia District, Yinchuan City, Ningxia Hui Autonomous Region, P.R. China

LONGi Solar Technology (Chuzhou) Co., Ltd.

Registered/operation Address: No. 19, Huai'an Road, Nantao District, Chuzhou City, Anhui Province, P.R. China

by reason of its

Environmental Management System

has been awarded this certificate for compliance with the standard

GB/T 24001-2016 / ISO 14001:2015

The Environmental Management System Applies in the following area:

LONGi Solar Technology Co., Ltd.: Design, Production of Crystalline Silicon Solar Cell and Module and Related Management Activities

LONGi Solar Technology (Zhejiang) Co., Ltd.: Production of Crystalline Silicon Solar Module and Related Management Activities

LONGi Solar Technology (Taizhou) Co., Ltd.: Production of Crystalline Silicon Solar Cell and Module and Related Management Activities

LONGi Solar Technology (Hefei) Co., Ltd.: Production of Crystalline Silicon Solar Cell and Related Management Activities

LONGi Solar Technology (Yinchuan) Co., Ltd.: Production of Crystalline Silicon Solar Module and Related Management Activities

LONGi Solar Technology (Chuzhou) Co., Ltd.: Production of Crystalline Silicon Solar Module and Related Management Activities

Certified since: July 18, 2016 Valid from: July 12, 2019 Valid until: July 17, 2022

After a surveillance cycle, the certificate is valid only when used together with an Acceptance Notice of Surveillance Audit issued by CQC.

Please access www.cqc.com.cn for checking validity of the certificate.

This certificate and its relevant information can query in the website of Certification and Accreditation Administration of the People's

Republic of China (www.cnca.gov.cn)



中國認可
國際互認
管理體系
MANAGEMENT SYSTEM

N+Net - THE INTERNATIONAL CERTIFICATION NETWORK



CHINA QUALITY CERTIFICATION CENTRE

Section 9, No.188, Nansihuan(the South Fourth Ring Road) Xilu(West Road), Beijing 100070,China

<http://www.cqc.com.cn>

A 0020847

2018年版



质量管理体系认证证书

证书编号: 00119Q35291R1L/6100

兹证明

隆基乐叶光伏科技有限公司（及其下属公司：浙江隆基乐叶光伏科技有限公司、泰州隆基乐叶光伏科技有限公司、合肥隆基乐叶光伏科技有限公司、银川隆基乐叶光伏科技有限公司、滁州隆基乐叶光伏科技有限公司）

统一社会信用代码: 91610132333661800X

总部（隆基乐叶光伏科技有限公司）：

注册地址：中国陕西省西安市未央区经济技术开发区草滩生态产业园尚苑路 8369 号

运营地址：中国陕西省西安市未央区经济技术开发区尚稷路 8989 号 B 座

生产地址：中国陕西省西安市未央区经济技术开发区草滩生态产业园尚苑路 8369 号

子公司地址

浙江隆基乐叶光伏科技有限公司

注册/运营地址：中国浙江省衢州市衢江区衢州经济开发区东港工业功能区百灵中路 2 号

生产地址：中国浙江省衢州市衢州经济开发区东港工业功能区东港二路 46 号

泰州隆基乐叶光伏科技有限公司

注册地址：中国江苏省泰州市海陵区兴泰南路 268 号

运营地址 1：中国江苏省泰州市海陵区兴泰南路 268 号

运营地址 2：中国江苏省泰州市海陵区泰康路 8 号

合肥隆基乐叶光伏科技有限公司

注册/运营地址：中国安徽省合肥市高新区长宁大道 888 号 S1 车间

银川隆基乐叶光伏科技有限公司

注册/运营地址：中国宁夏回族自治区银川市西夏区银川经济技术开发区战略新兴材料加工区 8 号厂房

滁州隆基乐叶光伏科技有限公司

注册/运营地址：中国安徽省滁州市南谯区淮安路 19 号

建立的质量管理体系符合标准：

GB/T 19001-2016 / ISO 9001:2015

通过认证范围如下：

隆基乐叶光伏科技有限公司：晶体硅光伏电池、组件的设计、生产及售后服务

浙江隆基乐叶光伏科技有限公司：晶体硅光伏组件的生产

泰州隆基乐叶光伏科技有限公司：晶体硅光伏电池、组件的生产

合肥隆基乐叶光伏科技有限公司：晶体硅光伏电池的生产

银川隆基乐叶光伏科技有限公司：晶体硅光伏组件的生产

滁州隆基乐叶光伏科技有限公司：晶体硅光伏组件的生产

首次发证日期：2016年7月15日 本次发证日期：2019年7月9日 有效期至：2022年7月14日

在一个监督周期后，本证书必须与CQC签发的监督审核合格通知书合并使用方可有效。查询证书有效状态请登陆www.cqc.com.cn。

本证书信息可在国家认监委官方网站（www.cnca.gov.cn）上查询



中国认可
国际互认
管理体系
MANAGEMENT SYSTEM
CNAS C001-M

隆基
Signed by: Lu Mei

— IQNet —
THE INTERNATIONAL CERTIFICATION NETWORK



中国质量认证中心

中国·北京·南四环西路188号9区 100070
<http://www.cqc.com.cn>



QUALITY MANAGEMENT SYSTEM CERTIFICATE

Certificate No. 00119Q35291R1L/6100

We hereby certify that

LONGi Solar Technology Co., Ltd. (Subsidiary: LONGi Solar Technology (Zhejiang) Co., Ltd. LONGi Solar Technology (Taizhou) Co., Ltd. LONGi Solar Technology (Hefei) Co., Ltd. LONGi Solar Technology (Yinchuan) Co., Ltd. LONGi Solar Technology (Chuzhou) Co., Ltd.)

Unified Social Credit Code: 91610132333661800X

HQ (LONGi Solar Technology Co., Ltd.):

Registered Address: No.8369, Shangyuan Road, Caotan Eco-Industrial Park, Economic & Technological Development Zone, Weiyang District, Xi'an City, Shaanxi Province, P.R.China

Operation Address: Block B, No.8989, Shangji Road, Economic & Technological Development Zone, Weiyang District, Xi'an City, Shaanxi Province, P.R.China

Production Address: No.8369, Shangyuan Road, Caotan Eco-Industrial Park, Economic & Technological Development Zone, Weiyang District, Xi'an City, Shaanxi Province, P.R.China

Subsidiary:

LONGi Solar Technology (Zhejiang) Co., Ltd.

Registered/Operation Address: No.2, Bailing Middle Road, Donggang Industrial Functional Zone, Quzhou Economic Development Zone, Quzhou City, Zhejiang Province, P.R.China

Production Address: No.46, Donggang 2nd Road, Donggang Industrial Functional Zone, Quzhou Economic Development Zone, Quzhou City, Zhejiang Province, P.R.China

LONGi Solar Technology (Taizhou) Co., Ltd.

Registered Address: No.268, South Xingtai Road, Hailing District, Taizhou City, Jiangsu Province, P.R.China

Operation Address 1: No.268, South Xingtai Road, Hailing District, Taizhou City, Jiangsu Province, P.R.China

Operation Address 2: No.8, Taikang Road, Hailing District, Taizhou City, Jiangsu Province, P.R.China

LONGi Solar Technology (Hefei) Co., Ltd.

Registered/Operation Address: Workshop S1, No.888, Changning Avenue, Hi-tech Industrial Zone, Hefei City, Anhui Province, P.R.China

LONGi Solar Technology (Yinchuan) Co., Ltd.

Registered/Operation Address: 8# Building, Strategic Emerging Materials Processing Industry Park, Yinchuan Economic & Technological Development Zone, Xixia District, Yinchuan City, Ningxia Hui Autonomous Region, P.R.China

LONGi Solar Technology (Chuzhou) Co., Ltd.

Registered/Operation Address: No.19, Huai'an Road, Nanqiao District, Chuzhou City, Anhui Province, P.R.China

by reason of its
Quality Management System

has been awarded this certificate for compliance with the standard

GB/T 19001-2016 / ISO 9001:2015

The Quality Management System Applies in the following area:

LONGi Solar Technology Co., Ltd.: Design, Production and After-sales Service of Crystalline Silicon Solar Cell and Module

LONGi Solar Technology (Zhejiang) Co., Ltd.: Production of Crystalline Silicon Solar Module

LONGi Solar Technology (Taizhou) Co., Ltd.: Production of Crystalline Silicon Solar Cell and Module

LONGi Solar Technology (Hefei) Co., Ltd.: Production of Crystalline Silicon Solar Cell

LONGi Solar Technology (Yinchuan) Co., Ltd.: Production of Crystalline Silicon Solar Module

LONGi Solar Technology (Chuzhou) Co., Ltd.: Production of Crystalline Silicon Solar Module

Certified since: July 15, 2016 Valid from: July 9, 2019 Valid until: July 14, 2022

After a surveillance cycle, the certificate is valid only when used together with an Acceptance Notice of Surveillance Audit issued by CQC.

Please access www.cqc.com.cn for checking validity of the certificate.

This certificate and its relevant information can query in the website of Certification and Accreditation Administration of the People's Republic of China (www.cnca.gov.cn).



中国认可
国际互认
管理体系
MANAGEMENT SYSTEM
CNAS C001-M

长
城
中
文
Signed by: Lu Mei

— —
Partner of
THE INTERNATIONAL CERTIFICATION NETWORK



CHINA QUALITY CERTIFICATION CENTRE

Section 9, No.188, Nansihuan(the South Fourth Ring Road) Xilu(West Road), Beijing 100070,China

<http://www.cqc.com.cn>



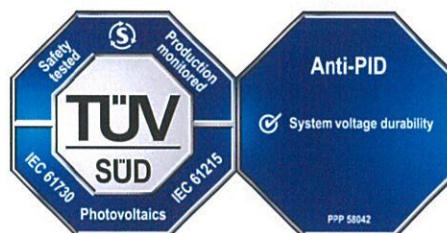
Product Service

CERTIFICATE

No. Z2 099333 0053 Rev. 02

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. See also notes overleaf.

Test report no.: 704061700519-02

Valid until: 2024-07-17

Date, 2019-07-26

(Zhulin Zhang

Page 1 of 2

TÜV SÜD Product Service GmbH • Certification Body • Ridlerstraße 65 • 80339 Munich • Germany

C E R T I F I C A T E

No. Z2 099333 0053 Rev. 02

Model(s):

LR6-72HV-xxxM (xxx=335-360, in step of 5)
LR6-60HV-xxxM (xxx=280-300, in step of 5)
LR6-72PH-xxxM (xxx=340-380, in step of 5)
LR6-60PH-xxxM (xxx=285-315, in step of 5)
LR6-72HPH-xxxM (xxx=365-395, in step of 5)
LR6-60HPH-xxxM (xxx=300-325, in step of 5)
LR6-72OPH-xxxM (xxx=385-400, in step of 5)
LR6-60OPH-xxxM (xxx=335-350, in step of 5)
LR6-72HPH-xxxMC (xxx=375-390, in step of 5)
LR6-60HPH-xxxMC (xxx=305-325, in step of 5)
LR4-72HPH-xxxM (xxx=420-440, in step of 5)
LR4-60HPH-xxxM (xxx=350-370, in step of 5)
xxx is standing for rated output power at STC.

Parameters:

Fire Safety Class: Class C according to UL790.
Application Class: Class A
Max. System Voltage: 1500V DC
PID Test Condition: Test method a of IEC TS 62804-1:2015
Construction: $\pm 1500V$ DC, 96 hrs, 85 % RH, 85 °C.
Framed, with Junction box, cable and connector.

Tested according to:

IEC 61215(ed.2)
IEC 61730-1(ed.1);am1;am2
IEC 61730-2(ed.1);am1
PPP 58042B:2015

Production Facility(ies):

099626, 099606, 090968, 001192, 096558, 099605,
002875, 097323, 102892, 103410, 103841





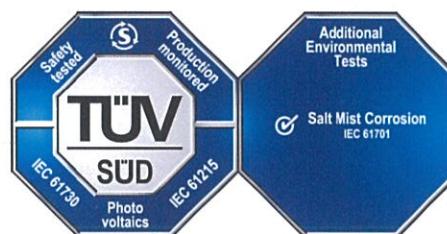
Product Service

CERTIFICATE

No. Z2 099333 0055 Rev. 03

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. See also notes overleaf.

Test report no.: 704061700517-03

Valid until: 2024-12-04

Date, 2019-12-06

(David Bo

Page 1 of 2

TÜV SÜD Product Service GmbH • Certification Body • Ridlerstraße 65 • 80339 Munich • Germany

TÜV®



Product Service

C E R T I F I C A T E

No. Z2 099333 0055 Rev. 03

Model(s):

LR6-72HV-xxxM, (xxx=320 to 350 in step of 5)
LR6-60HV-xxxM, (xxx=270 to 300 in step of 5)
LR6-72PH-xxxM, (xxx=340 to 385 in step of 5)
LR6-60PH-xxxM, (xxx=280 to 320 in step of 5)
LR6-72HPH-xxxM, (xxx=350 to 405 in step of 5)
LR6-72HIH-xxxM, (xxx=350 to 405 in step of 5)
LR6-60HPH-xxxM, (xxx=295 to 335 in step of 5)
LR6-60HIH-xxxM, (xxx=295 to 335 in step of 5)
LR6-72OPH-xxxM, (xxx=385 to 400 in step of 5)
LR6-60OPH-xxxM, (xxx=335 to 350 in step of 5)
LR6-72HPH-xxxMC, (xxx=375 to 390 in step of 5)
LR6-60HPH-xxxMC, (xxx=305 to 325 in step of 5)
LR4-72HPH-xxxM, (xxx=400 to 460 in step of 5)
LR4-72HIH-xxxM, (xxx=400 to 460 in step of 5)
LR4-60HPH-xxxM, (xxx=330 to 380 in step of 5)
LR4-60HIH-xxxM, (xxx=330 to 380 in step of 5)
LR4-72ZPH-xxxM, (xxx=420 to 435 in step of 5)
LR4-60ZPH-xxxM, (xxx=350 to 365 in step of 5)
LR6-60ZPH-xxxM, (xxx=330 to 355 in step of 5)
xxx is standing for rated output power at STC

Parameters:

Severity of	
Salt Mist Test:	Severity 6 and severity 1
Application Class:	Class A
Maximum System Voltage:	1500 V DC
Fire Safety Class:	Class C
Construction:	Framed, with Junction box, cable and connector.

Tested according to:

IEC 61215:2005
IEC 61730-1:2004
IEC 61730-1:2004/AMD1:2011
IEC 61730-1:2004/AMD2:2013
IEC 61730-2:2004
IEC 61730-2:2004/AMD1:2011
IEC 61701:2011

Production Facility(ies):

096558, 002875, 001192, 090968, 099626, 099605, 099606, 097323, 102892, 103410, 103841



Product Service

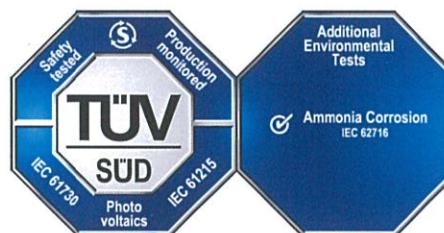
CERTIFICATE

No. Z2 099333 0054 Rev. 03

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. See also notes overleaf.

Test report no.: 704061700518-03

Valid until: 2024-12-04

Date, 2019-12-06 (David Bo)

CERTIFICATE

No. Z2 099333 0054 Rev. 03

Model(s):

LR6-72HV-xxxM, (xxx=320 to 350 in step of 5)
LR6-60HV-xxxM, (xxx=270 to 300 in step of 5)
LR6-72PH-xxxM, (xxx=340 to 385 in step of 5)
LR6-60PH-xxxM, (xxx=280 to 320 in step of 5)
LR6-72HPH-xxxM, (xxx=350 to 405 in step of 5)
LR6-72HIH-xxxM, (xxx=350 to 405 in step of 5)
LR6-60HPH-xxxM, (xxx=295 to 335 in step of 5)
LR6-60HIH-xxxM, (xxx=295 to 335 in step of 5)
LR6-72OPH-xxxM, (xxx=385 to 400 in step of 5)
LR6-60OPH-xxxM, (xxx=335 to 350 in step of 5)
LR6-72HPH-xxxMC, (xxx=375 to 390 in step of 5)
LR6-60HPH-xxxMC, (xxx=305 to 325 in step of 5)
LR4-72HPH-xxxM, (xxx=400 to 460 in step of 5)
LR4-72HIH-xxxM, (xxx=400 to 460 in step of 5)
LR4-60HPH-xxxM, (xxx=330 to 380 in step of 5)
LR4-60HIH-xxxM, (xxx=330 to 380 in step of 5)
LR4-72ZPH-xxxM, (xxx=420 to 435 in step of 5)
LR4-60ZPH-xxxM, (xxx=350 to 365 in step of 5)
LR6-60ZPH-xxxM, (xxx=330 to 355 in step of 5)
xxx is standing for rated output power at STC

Parameters:

Application Class: Class A
Maximum System Voltage: 1500 V DC
Fire Safety Class: Class C
Construction: Framed, with Junction box, cable and connector.

Tested according to:

IEC 61215:2005
IEC 61730-1:2004
IEC 61730-1:2004/AMD1:2011
IEC 61730-1:2004/AMD2:2013
IEC 61730-2:2004
IEC 61730-2:2004/AMD1:2011
IEC 62716:2013

Production Facility(ies):

099605, 099606, 099626, 090968, 001192, 002875, 096558, 097323, 102892, 103410, 103841





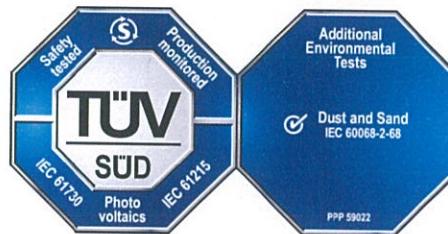
Product Service

CERTIFICATE

No. Z2 099333 0027 Rev. 03

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. See also notes overleaf.

Test report no.: 704061718717-03

Valid until: 2024-12-08

Date, 2019-12-10

(David Bo)

my
y



Product Service

CERTIFICATE

No. Z2 099333 0027 Rev. 03

Model(s):

LR6-72HV-xxxM, (xxx=320 to 350 in step of 5)
LR6-60HV-xxxM, (xxx=270 to 300 in step of 5)
LR6-72PH-xxxM, (xxx=340 to 385 in step of 5)
LR6-60PH-xxxM, (xxx=280 to 320 in step of 5)
LR6-72HPH-xxxM, (xxx=350 to 405 in step of 5)
LR6-72HIH-xxxM, (xxx=350 to 405 in step of 5)
LR6-60HPH-xxxM, (xxx=295 to 335 in step of 5)
LR6-60HIH-xxxM, (xxx=295 to 335 in step of 5)
LR6-72OPH-xxxM, (xxx=385 to 400 in step of 5)
LR6-60OPH-xxxM, (xxx=335 to 350 in step of 5)
LR6-72HPH-xxxMC, (xxx=375 to 390 in step of 5)
LR6-60HPH-xxxMC, (xxx=305 to 325 in step of 5)
LR4-72HPH-xxxM, (xxx=400 to 460 in step of 5)
LR4-72HIH-xxxM, (xxx=400 to 460 in step of 5)
LR4-60HPH-xxxM, (xxx=330 to 380 in step of 5)
LR4-60HIH-xxxM, (xxx=330 to 380 in step of 5)
LR4-72ZPH-xxxM, (xxx=420 to 435 in step of 5)
LR4-60ZPH-xxxM, (xxx=350 to 365 in step of 5)
LR6-60ZPH-xxxM, (xxx=330 to 355 in step of 5)
xxx is standing for rated output power at STC

Parameters:

Application Class:	Class A
Max. System Voltage:	1500V DC
Fire Safety Class:	Class C
Construction:	Framed, with Junction box, cable and connector.
Dust and Sand	
Test Method:	IEC 60068-2-68, LC1
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:

PPP 59022A:2013
IEC 61215:2005
IEC 61730-1:2004
IEC 61730-1:2004/AMD1:2011
IEC 61730-1:2004/AMD2:2013
IEC 61730-2:2004
IEC 61730-2:2004/AMD1:2011

Production Facility(ies):

002875, 001192, 090968, 099626, 099605, 099606, 096558, 097323, 102892, 103410, 103841