

CE Declaration of Conformity

January 19th, 2021

Manufacturer: LONGi Green Energy Technology Co., Ltd.
Address: No. 388 Middle Hangtian Road, 710100 Xi'an City, Shaanxi, PRC
Product: Photovoltaic (PV) Module
Brand: LONGi
Model(s):

- LR4-60 ZZZ XXX M LR4-72 ZZZ XXX M
- LR5-66 ZZZ XXX M LR5-72 ZZZ XXX M
- LR6-60 ZZZ XXX M LR6-72 ZZZ XXX M

ZZZ stands for module type (HIH, HIB, HIBD, HPH, HBD, HPB)
XXX indicates module nameplate power in Watt.

LONGi Solar Technologie GmbH herewith confirms that it's PV modules comply with the requirements set out in the European Union Directive 2014/35/EU (Low Voltage Directive – LVD) for the electrical equipment used in certain voltage limits and 2014/30/EU (Electromagnetic Emission – EMI). For the evaluation of the conformance with these Directives, the following IEC standards were applied:

- IEC 61215-1:2016 (Terrestrial PV modules - Design qualification and type approval)
- IEC 61730-1:2016 (Photovoltaic (PV) module safety qualification)

based on: report 704061700516-X issued by TÜV Süd for 1.500 V monofacial products
 report 704061802022-X issued by TÜV Süd for 1.000 V monofacial products
 report 704061700509-X issued by TÜV Süd for 1.500 V bifacial products

Responsible for making this declaration is the manufacturer and/or it's authorized representative within the European Union (LONGi Solar Technologie GmbH).



i.A. Winfried Wahl
Chief Engineer, Head of Product Management

CE Konformitätserklärung

19. Januar 2021

Hersteller: LONGI Green Energy Technology Co., Ltd.
Adresse: No. 388 Middle Hangtian Road, 710100 Xi'an City, Shaanxi, PRC
Produkt: Photovoltaik (PV) Module
Marke: LONGi
Modell(e):

- LR4-60 ZZZ XXX M LR4-72 ZZZ XXX M
- LR5-66 ZZZ XXX M LR5-72 ZZZ XXX M
- LR6-60 ZZZ XXX M LR6-72 ZZZ XXX M

ZZZ indiziert den Produkttyp (HIH, HIB, HIBD, HPH, HBD, HPB)
XXX gibt die Nennleistung gemäß Typenschild in Watt an.

LONGi Solar Technologie GmbH bestätigt hiermit, daß die PV Module den Anforderungen gemäß Direktiven der Europäischen Union 2014/35/EU (Niederspannungsrichtlinie) für elektrische Geräte innerhalb bestimmter Spannungsgrenzen und 2014/30/EU (Elektromagnetische Verträglichkeit) entsprechen. Für die Evaluierung der Übereinstimmung mit diesen Direktiven wurden die folgenden IEC Standards angewandt:

- IEC 61215-1:2016 (Terrestrische PV-Module - Bauarteignung und Bauartzulassung)
- IEC 61730-1:2016 (PV-Module - Sicherheitsqualifizierung)

basiert auf: Bericht 704061700516-X von TÜV Süd für 1.500 V monofaziale Produkte
Bericht 704061802022-X von TÜV Süd für 1.000 V monofaziale Produkte
Bericht 704061700509-X von TÜV Süd für 1.500 V bifaziale Produkte

Verantwortlich für die Erklärung ist der Hersteller und/oder die autorisierte Niederlassung innerhalb der Europäischen Union (LONGi Solar Technologie GmbH).

i.A. Winfried Wahl
Chief Engineer, Head of Product Management

Deklaracja zgodności CE

19 styczeń 2021 r.

Producent: LONGI Green Energy Technology Co., Ltd.
Adres: No. 388 Middle Hangtian Road, 710100 Xi'an City, Shaanxi, PRC
Produkt: Moduł fotowoltaiczny (PV)
Marka: LONGi
Model(-e):

- LR4-60 ZZZ XXX M LR4-72 ZZZ XXX M
- LR5-66 ZZZ XXX M LR5-72 ZZZ XXX M
- LR6-60 ZZZ XXX M LR6-72 ZZZ XXX M

ZZZ oznacza typ modułu (HIH, HIB, HIBD, HPH, HBD, HPB).

XXX oznacza moc modułu podaną na tabliczce znamionowej w watach

Firma LONGi Solar Technologie GmbH niniejszym potwierdza, że jej moduły fotowoltaiczne spełniają wymagania określone w dyrektywie Unii Europejskiej 2014/35/UE (dyrektywa niskonapięciowa - LVD) dla urządzeń elektrycznych stosowanych w określonych granicach napięcia oraz 2014/30/EU (emisja elektromagnetyczna - EMI). Do oceny zgodności z tymi dyrektywami zastosowano następujące normy IEC:

- IEC 61215-1:2016 (Naziemne moduły fotowoltaiczne - Kwalifikacja projektu i zatwierdzenie typu)
- IEC 61730-1:2016 (Kwalifikacja bezpieczeństwa modułu fotowoltaicznego (PV))

Na podstawie:

Raport 704061700516-X wydany przez TÜV Süd dla produktów jednofazowych 1500 V

Raport 704061802022-X wydany przez TÜV Süd dla produktów jednofazowych 1000 V

Raport 704061700509-X wydany przez TÜV Süd dla produktów obustronnych 1500 V

Za sporządzenie niniejszej deklaracji odpowiedzialny jest producent i/lub jego upoważniony przedstawiciel w Unii Europejskiej (LONGi Solar Technologie GmbH).



i.A. Winfried Wahl
Chief Engineer, Head of Product Management



Product Service

Attestation of Conformity

No. N8A 099333 0066 Rev. 05

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

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

This Attestation of Conformity is issued on a voluntary basis according to the Low Voltage Directive 2014/35/EU relating to electrical equipment designed for use within certain voltage limits. It confirms that the listed equipment complies with the principal protection requirements of the directive and is based on the technical specifications applicable at the time of issuance. It refers only to the particular sample submitted for testing and certification. For details see: www.tuvsud.com/ps-cert

Test report no.: 704061700516-12

Date, 2020-11-03

(Zhulin Zhang)

Page 1 of 2

After preparation of the necessary technical documentation as well as the EU declaration of conformity the required CE marking can be affixed on the product. The declaration of conformity is issued under the sole responsibility of the manufacturer. Other relevant EU-directives have to be observed.



Product Service

Attestation of Conformity

No. N8A 099333 0066 Rev. 05

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=420-455 in step of 5)
 LR4-60HPH-xxxM, (xxx=350-375 in step of 5)
 LR4-60HIH-xxxM, (xxx=350-375 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)
 xxx stands for rated output power at STC

Parameters:

Fire Safety Class:	Class C according to UL790
Safety Class:	Class II
Maximum 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:

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

Page 2 of 2

After preparation of the necessary technical documentation as well as the EU declaration of conformity the required CE marking can be affixed on the product. The declaration of conformity is issued under the sole responsibility of the manufacturer. Other relevant EU-directives have to be observed.



Product Service

Attestation of Conformity

No. N8A 099333 0074 Rev. 04

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

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

This Attestation of Conformity is issued on a voluntary basis according to the Low Voltage Directive 2014/35/EU relating to electrical equipment designed for use within certain voltage limits. It confirms that the listed equipment complies with the principal protection requirements of the directive and is based on the technical specifications applicable at the time of issuance. It refers only to the particular sample submitted for testing and certification. For details see: www.tuvsud.com/ps-cert

Test report no.: 704061700509-15

Date, 2020-10-19

(Zhulin Zhang)

Page 1 of 3

After preparation of the necessary technical documentation as well as the EU declaration of conformity the required CE marking can be affixed on the product. The declaration of conformity is issued under the sole responsibility of the manufacturer. Other relevant EU-directives have to be observed.



Attestation of Conformity

No. N8A 099333 0074 Rev. 04

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 540 in step of 5)
- LR5-66HBD-xxxM, (xxx=475 to 495 in step of 5)

The suffix BP is meaning double glass PV modules with bifacial solar cells,
 the suffix DG is meaning double glass modules,
 the suffix PD is meaning double glass PV modules with PERC cells,
 the suffix HBD, HIBD is meaning double glass PV modules with bifacial half solar cells,
 the suffix OPD is meaning double glass shingling module types,
 the suffix HPD is meaning double glass PV modules with PERC half solar cells
 the suffix MBD is meaning double glass PV modules with bifacial MBB cells,
 the suffix MPD is meaning double glass PV modules with MBB cells.
 xxx stands for rated output power at STC.



Product Service

Attestation of Conformity

No. N8A 099333 0074 Rev. 04

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:	Frameless or framed, with Junction box, cable and connector.

Tested according to:

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