

Disclaimer: IEC 61215/IEC 61730 certificates

Wyłączenie odpowiedzialności: certyfikaty IEC 61215/IEC 61730

Product Family / produktu rodzinnego: Tiger Neo

The following page (s) of the IEC 61215 / IEC 61730 certificates are relevant for the product family Tiger Neo/ Dla rodziny produktów Tiger Neo istotne są następujące strony certyfikatów IEC 61215 / IEC 61730.

The documents have been organized in the following categories: /Dokumenty zostały podzielone na następujące kategorie:

A) Single Glass, Maximum System Voltage 1000V:

Moduły z pojedynczym szkłem, Maksymalne napięcie układu 1000V

Certificate Nr. <i>Nr certyfikatu</i>	Certificate Page(s) <i>Strona(y) certyfikatu</i>	Relevance for/Dotyczy modułu Tiger Neo
PV 50394835	0001-0002	<p>Fire Rating: Class C (page 0001) <i>Klasa reakcji na ogień: klasa C (strona 0001)</i></p> <p>Certification validity until 04 December 2022. <i>"5 year counting from date of issue"</i> <i>Ważność certyfikacji do 04 grudnia 2022 r.</i> <i>"5 lat licząc od daty wydania"</i> (page /strona 0002)</p>
PV 50394835	0070-0071	<p>JKM***N-78HL4 Power range /Zakres mocy: 570-620 W</p> <p>JKM***N-72HL4 Power range /Zakres mocy: 560-570 W</p> <p>JKM***N-60HL4-V Power range /Zakres mocy: 465-475 W</p>

		<p>JKM***N-54HL4-V Power range /Zakres mocy: 400-425 W</p> <p>(page /strona 0070)</p> <p>Fire Rating: Class C (page 0070) Klasa reakcji na ogień: klasa C (strona 0070)</p>
PV 50394835	0072	<p>JKM***N-78HL4 Power range /Zakres mocy: 625 W</p> <p>JKM***N-72HL4 Power range /Zakres mocy: 575 W</p> <p>JKM***N-60HL4 Power range /Zakres mocy: 480 W</p> <p>JKM***N-54HL4 Power range /Zakres mocy: 430 W</p> <p>All black products/ Produkty:</p> <p>JKM***N-60HL4-B Power range /Zakres mocy: 450-470 W</p> <p>JKM***N-54HL4-B Power range /Zakres mocy: 405-420 W</p> <p>(page /strona 0072)</p> <p>Fire Rating: Class C (page 0072) Klasa reakcji na ogień: klasa C (strona 0072)</p>

B) Single Glass, Maximum System Voltage 1500V:

Moduły z pojedynczym szkłem, Maksymalne napięcie układu 1500V

Certificate Nr. <i>Nr certyfikatu</i>	Certificate Page(s) <i>Strona(y) certyfikatu</i>	Relevance for/Dotyczy modułu Tiger Neo
PV 50416412	0001-02 (+ original annex/ załącznik oryginalny)	<p>Certification validity until 16 Sep 2023. (page 0002) <i>Data ważności certyfikatu: 16 września 2023 r.</i> (strona 0002)</p> <p>Fire Rating: Class C (page 0002) <i>Klasa reakcji na ogień: klasa C (strona 0002)</i></p>
PV 50416412	0058	<p>JKM***N-78HL4-V Power range /Zakres mocy: 570-620 W</p> <p>JKM***N-72HL4-V Power range /Zakres mocy: 560-570 W</p> <p>JKM***N-60HL4-V Power range /Zakres mocy: 465-475 W</p> <p>JKM***N-54HL4-V Power range /Zakres mocy: 400-425 W</p> <p>(page strona 0058)</p> <p>Fire Rating: Class C (page 0058) <i>Klasa reakcji na ogień: klasa C (strona 0058)</i></p>
PV 50416412	0060	<p>JKM***N-78HL4-V Power range /Zakres mocy: 625 W</p> <p>JKM***N-72HL4-V Power range /Zakres mocy: 575 W</p>

		<p>JKM***N-60HL4-V Power range /Zakres mocy: 480 W</p> <p>JKM***N-54HL4-V Power range /Zakres mocy: 430 W</p> <p>(page strona 0060)</p> <p>Fire Rating: Class C (page 0060) Klasa reakcji na ogień: klasa C (strona 0060)</p>
PV 50416412	Annex / Załącznik Rev 15	<p>Latest list of factories Najnowsza lista fabryk</p>

B) Dual Glass, Maximum System Voltage 1500V:

Moduły z podwójnym szkłem, Maksymalne napięcie układu 1500V

Certificate Nr. <i>Nr certyfikatu</i>	Certificate Page(s) <i>Strona(y) certyfikatu</i>	Relevance for/Dotyczy modułu Tiger Neo
PV 50446257	0001-03 (+ original annex/ załącznik oryginalny)	<p>Certification validity until 04 Sep 2024. <i>Data ważności certyfikatu: 04.09.2024 r.</i> (page /strona 0003)</p>
PV 50446257	0018	<p>JKM***N-78HL4-BDV Power range /Zakres mocy: 570-615 W</p> <p>JKM***N-72HL4-BDV Power range /Zakres mocy: 555-565 W</p> <p>(Page strona 0018)</p> <p>Fire Rating: Class A (Page 0018) <i>Klasa reakcji na ogień: klasa A (strona 0018)</i></p>

PV 50446257	0018	<p>JKM***N-78HL4-BDV Power range /Zakres mocy: 620-625 W</p> <p>JKM***N-72HL4-BDV Power range /Zakres mocy: 570-575 W</p> <p>(Page strona 0019)</p> <p>Fire Rating: Class A (Page 0019) Klasa reakcji na ogień: klasa A (strona 0019)</p>
PV 50446257	Annex / Załącznik Rev 7	<p>Latest list of factories Najnowsza lista fabryk</p>

The institute TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90341 Nürnberg has certified the product(s).

Instytut TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90341 Norymberga (Niemcy), przyznał certyfikat produktowi(om)

Note: Each individual page is a valid document, including the certificate number, signature, and stamp from the testing institute.

Uwaga: Każda pojedyncza strona jest ważnym dokumentem zawierającym numer certyfikatu, podpis i pieczęć instytutu badawczego.

If you require the completed document(s), please contact us for further support.

Jeśli potrzebujesz całego dokumentu, skontaktuj się z nami w celu uzyskania dalszej pomocy

Europe Technical Support
Pomoc techniczna w Europie

TIGER NEO

Single Glass, Maximum System Voltage 1000V

Moduły z pojedynczym szkłem, Maksymalne napięcie układu 1000V

Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
PV 50394835

Blatt *Page*
0001

Ihr Zeichen *Client Reference*
L.L.F.

Unser Zeichen *Our Reference*
01-LYM-50087436 001

Ausstellungsdatum *Date of Issue*
05.12.2017
(day/mo/yr)

Genehmigungsinhaber *License Holder*
Jinko Solar Co., Ltd.
No. 1 Jinko Road
Shangrao Economic Development Zone
Jiangxi Province 334100
P. R. China

Fertigungsstätte *Manufacturing Plant*
Jinko Solar Co., Ltd.
No. 1 Jinko Road
Shangrao Economic Development Zone
Jiangxi Province 334100
P. R. China

Prüfzeichen *Test Mark*



Geprüft nach *Tested acc. to*
IEC 61215-1:2016
IEC 61215-1-1:2016
IEC 61215-2:2016
IEC 61730-1:2016
IEC 61730-2:2016

Zertifiziertes Produkt (Geräteidentifikation)
Certified Product (Product Identification)

Lizenzentgelte - Einheit
License Fee - Unit

PV-Module

Type Designation:
With 6" mono c-Si cells:
JKMxxxM-72; JKMxxxM-72(Plus)
(xxx=335-365, in steps of 5, 72 cells)
JKMxxxM-60; JKMxxxM-60(Plus)
(xxx=270-305, in steps of 5, 60 cells)
With 6" poly c-Si cells:
JKMxxxPP-72; JKMxxxPP-72(Plus)
(xxx=320-355, in steps of 5, 72 cells)
JKMxxxPP-60; JKMxxxPP-60(Plus)
(xxx=260-290, in steps of 5, 60 cells)

6

Remarks:
Class II acc. to IEC 61140
Max. System Voltage: up to 1000 VDC (Voc at STC)
Fire Rating: Class C
Pollution Degree: 1
Design Load/ Safety Factors: 3600 Pa / 1.5 (Front)
1600 Pa / 1.5 (Rear)

Continued on Page 2

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Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.
This certificate is based on our Testing and Certification Regulation. The product
fulfills above mentioned requirements, the production is subject to surveillance.

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg
Tel: +49 221 806-1371 e-mail: cert-validity@de.tuv.com
Fax: +49 221 806-3935 http://www.tuv.com/safety

Zertifizierungsstelle

Dipl.-Ing. D. Löffler

Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
PV 50394835

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0002

Ihr Zeichen *Client Reference*
L. L. F.

Unser Zeichen *Our Reference*
01-LYM-50087436 001

Ausstellungsdatum *Date of Issue*
05.12.2017
(day/month/year)

Genehmigungsinhaber *License Holder*
Jinko Solar Co., Ltd.
No. 1 Jinko Road
Shangrao Economic Development Zone
Jiangxi Province 334100
P. R. China

Fertigungsstätte *Manufacturing Plant*
Jinko Solar Co., Ltd.
No. 1 Jinko Road
Shangrao Economic Development Zone
Jiangxi Province 334100
P. R. China

Prüfzeichen *Test Mark*



Geprüft nach *Tested acc. to*
IEC 61215-1:2016
IEC 61215-1-1:2016
IEC 61215-2:2016
IEC 61730-1:2016
IEC 61730-2:2016

Zertifiziertes Produkt (Geräteidentifikation)
Certified Product (Product Identification)

Lizenzentgelte - Einheit
License Fee - Unit

PV-Module

Continuation of Page 1

4

Conditions:

The product test is voluntarily according to technical regulations. Any change of the design, materials, components or processing may require the repetition of some of the qualification tests in order to retain type approval.
Validity: 5 years counting from date of issue.

4

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.
This certificate is based on our Testing and Certification Regulation. The product fulfills above mentioned requirements, the production is subject to surveillance.

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg
Tel.: +49 221 806-1371 e-mail: cert-validity@dc.tuv.com
Fax: +49 221 806-3935 http://www.tuv.com/safety

Zertifizierungsstelle

Dipl.-Ing. D. Löffler

Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
PV 50394835

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0070

Ihr Zeichen <i>Client Reference</i>	Unser Zeichen <i>Our Reference</i>	Ausstellungsdatum <i>Date of Issue</i>	<i>(day/month/year)</i>
L.L.F.	01-VZJ-50087436 041	01.11.2021	

Genehmigungsinhaber *License Holder*

Jinko Solar Co., Ltd.
No. 1 Jinko Road
Shangrao Economic Development Zone
334100 Jiangxi
P.R. China

Fertigungsstätte *Manufacturing Plant*

Jinko Solar Technology Sdn. Bhd.
No. 1412, Lorong Perusahaan 1,
Kawasan Perusahaan Perai,
13600 Pulau Pinang
Malaysia

Prüfzeichen *Test Mark*



Geprüft nach *Tested acc. to*

IEC 61215
IEC 61730
Regular Production
Surveillance
www.tuv.com
ID: 1419053022

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 61215-2:2017
EN 61215-1-1:2016
EN IEC 61730-1:2018
EN IEC 61730-2:2018

**Zertifiziertes Produkt (Geräteidentifikation)
*Certified Product (Product Identification)***

**Lizenzentgelte - Einheit
*License Fee - Unit***

PV Module

Same as Page 1-4 & 8 & 10-23 & 29 & 32-42 & 46-69

In addition:

Type Designations:

Max. system voltage (Up to 1000VDC)

With 1/2 cut of mono c-Si cells:

JKMxxxN-78HL4 (xxx=570-620, in steps of 5, 156 cells)

MMxxx-54HL4-MB (xxx=420, in steps of 5, 108 cells)

JKMxxxN-6RL3-B, JKMSxxxN-6RL3-B-T1

JKMSxxxN-6RL3-B-MX3 (xxx=410-425, in steps of 5, 132 cells)

JKMxxxN-6TL3-B, JKMSxxxN-6TL3-B-T1

JKMSxxxN-6TL3-B-MX3 (xxx=370-385, in steps of 5, 120 cells)

JKMxxxN-72HL4 (xxx=560-570, in steps of 5, 144 cells)

JKMxxxN-66HL4 (xxx=510-520, in steps of 5, 132 cells)

JKMxxxN-60HL4 (xxx=465-475, in steps of 5, 120 cells)

JKMxxxN-54HL4 (xxx=420-425, in steps of 5, 108 cells)

Remarks:

- Fire Rating: Class C

- Add new manufacturing plant see above.

Continued on page 71

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.
This certificate is based on our Testing and Certification Regulation. The product
fulfills above mentioned requirements, the production is subject to surveillance.

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg

<http://www.tuv.com/safety> E-mail: markcheck@tuv.com

Fax: +49 221 806-3935

Zertifizierungsstelle



Dipl.-Ing. (FH) F. He

Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
PV 50394835

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0071

Ihr Zeichen <i>Client Reference</i>	Unser Zeichen <i>Our Reference</i>	Ausstellungsdatum <i>Date of Issue</i>	<i>(day/month/year)</i>
L.L.F.	01-VZJ-50087436 041	01.11.2021	

Genehmigungsinhaber *License Holder*

Jinko Solar Co., Ltd.
No. 1 Jinko Road
Shangrao Economic Development Zone
334100 Jiangxi
P.R. China

Fertigungsstätte *Manufacturing Plant*

VIET NAM GREEN ENERGY COMMERCIAL
SERVICES CO., LTD
Lot D1-1, Dai Dong-Hoan Son
Industrialpark, Hoan Son Commune,
Tien Du District,
Bac Ninh Province
Vietnam

Prüfzeichen *Test Mark*



Geprüft nach *Tested acc. 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 61215-2:2017
EN 61215-1-1:2016
EN IEC 61730-1:2018
EN IEC 61730-2:2018

**Zertifiziertes Produkt (Geräteidentifikation)
*Certified Product (Product Identification)***

**Lizenzentgelte - Einheit
*License Fee - Unit***

PV Module

In continuation of page 70

Remarks:

- Change factory name: see above.
- Remove factory: VIETNAM SUNERGY JOINT STOCK COMPANY.

*Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.
This certificate is based on our Testing and Certification Regulation. The product
fulfills above mentioned requirements, the production is subject to surveillance.*

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg
<http://www.tuv.com/safety> E-mail: markheck@tuv.com
Fax: +49 221 806-3935

Zertifizierungsstelle



Dipl.-Ing. (FH) E. He

TIGER NEO

Single Glass, Maximum System Voltage 1500V

Moduły z pojedynczym szkłem, Maksymalne napięcie układu 1500V

Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
PV 50416412

Blatt *Sheet*
0001

Ihr Zeichen *Client Reference*
L.L.F

Unser Zeichen *Our Reference*
01-LYM-50173415 001

Ausstellungsdatum *Date of Issue*
17.09.2018
(day/month/year)

Genehmigungsinhaber *License Holder*
Jinko Solar Co., Ltd.
No. 1 Jinko Road
Shangrao Economic Development Zone
Jiangxi Province 334100
P. R. China

Fertigungsstätte *Manufacturing Plant*
Refer to latest revision
of the annex list of factories

Prüfzeichen *Test Mark*



Geprüft nach *Tested acc. to*
IEC 61215-1:2016
IEC 61215-1-1:2016
IEC 61215-2:2016
IEC 61730-1:2016
IEC 61730-2:2016

Zertifiziertes Produkt (Geräteidentifikation)
Certified Product (Product Identification)

Lizenzentgelte - Einheit
License Fee - Unit

PV Module

Type Designation:

With 6" mono c-Si cells:

JKMxxxM-72-V; JKMSxxxM-72(Plus)-V; JKMSxxxM-72L-V;

JKMSxxxM-72-V; JKMSxxxM-72-V-J

(xxx=335-385, in steps of 5, 72 cells)

JKMxxxM-60-V; JKMSxxxM-60(Plus)-V; JKMSxxxM-60L-V;

JKMSxxxM-60-V; JKMSxxxM-60-V-J

(xxx=270-320, in steps of 5, 60 cells)

With 6" mono half-cut c-Si cells:

JKMxxxM-72H-V; JKMSxxxM-72HL-V

(xxx=335-385, in steps of 5, 144 cells)

JKMxxxM-60H-V; JKMSxxxM-60HL-V

(xxx=270-320, in steps of 5, 120 cells)

With 6" poly c-Si cells:

JKMxxxPP-72-V; JKMSxxxPP-72(Plus)-V; JKMSxxxPP-72-V;

JKMSxxxPP-72-V-J (xxx=320-355, in steps of 5, 72 cells)

JKMxxxPP-60-V; JKMSxxxPP-60(Plus)-V; JKMSxxxPP-60-V;

JKMSxxxPP-60-V-J (xxx=260-290, in steps of 5, 60 cells)

Continued on Page 2

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Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.
This certificate is based on our Testing and Certification Regulation. The product
fulfills above mentioned requirements, the production is subject to surveillance.



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Zertifizierungsstelle

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg

Tel.: +49 221 806-1371 e-mail: cert-validity@de.tuv.com

Fax: +49 221 806-3935 http://www.tuv.com/safety

Dipl.-Ing. (TU) G. Reimann

Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
PV 50416412

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0002

Ihr Zeichen *Client Reference*
L.L.F

Unser Zeichen *Our Reference*
01-LYM-50173415 001

Ausstellungsdatum *Date of Issue*
17.09.2018
(day/mo/yr)

Genehmigungsinhaber *License Holder*
Jinko Solar Co., Ltd.
No. 1 Jinko Road
Shangrao Economic Development Zone
Jiangxi Province 334100
P. R. China

Fertigungsstätte *Manufacturing Plant*
Refer to latest revision
of the annex list of factories

Prüfzeichen *Test Mark*



Geprüft nach *Tested acc. to*
IEC 61215-1:2016
IEC 61215-1-1:2016
IEC 61215-2:2016
IEC 61730-1:2016
IEC 61730-2:2016

Zertifiziertes Produkt *(Geräteidentifikation)*
Certified Product (Product Identification)

Lizenzentgelte - Einheit
License Fee - Unit

PV Module

Continuation of Page 1

4

With 6" poly half-cut c-Si cells:

JKMxxxPP-72H-V (xxx=330-380, in steps of 5, 144 cells)
JKMxxxPP-60H-V (xxx=260-315, in steps of 5, 120 cells)

Remarks:

Class II acc. to IEC 61140
Max. System Voltage: up to 1500 VDC (Voc at STC)
Fire Rating: Class C
Design Load/ Safety Factors: 3600 / 1.5 (downward)
1600 / 1.5 (upward)

Conditions:

The product test is voluntarily according to technical regulations. Any change of the design, materials, components or processing may require the repetition of some of the qualification tests in order to retain type approval. This certificate is valid until 16 September 2023.



4

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.
This certificate is based on our Testing and Certification Regulation. The product fulfills above mentioned requirements, the production is subject to surveillance.

Zertifizierungsstelle

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg

Tel.: +49 221 806-1371 e-mail: cert-validity@de.tuv.com
Fax: +49 221 806-3935 http://www.tuv.com/safety

Dipl.-Ing. (TU) G. Reimann

Anlage Fertigungsstättenliste
/Attachment List of Factories



PV 50416412 0001

- | | | | |
|---|---|---|--|
| 1 | Zhejiang Jinko Solar Co., Ltd.
Yuan Xi Road
Technical Functional Zone
Yuan Hua Town
Haining, Zhejiang 314416, P. R. China | 2 | Jinko Solar Co., Ltd,
No. 1 Jinko Road
Shangrao Economic Development Zone
Jiangxi Province 334100
P. R. China |
| 3 | JINKO SOLAR TECHNOLOGY SDN. BHD.
2481, Tingkat Perusahaan 4
Kawasan Perusahaan Bebas Perai
13600 Perai, Penang
Malaysia | 4 | Zhejiang Jinko Solar Co., Ltd.
No.35 Haishi Road,
Jianshan New District, Haining City,
Zhejiang Province. 314415
P. R. China |
| 5 | JINKO SOLAR TECHNOLOGY
SDN. BHD.(P2)
2522, Lorong Perusahaan 4
Kawasan Perusahaan Bebas Perai,
Phase 1, 13600 Perai, Penang, Malaysia | 6 | JINKO SOLAR TECHNOLOGY SDN. BHD.(P3)
Lot 10085, Plot C & D
Jalan Perusahaan, Mukin 1
13600 Seberang Perai Tengah, Penang
Malaysia |
| 7 | Yuhuan Jinko solar Co., Ltd
At the intersection of Shanghai Road
and Taizhou Road in the third issue of
Yuhuan economic development Zone,
Zhejiang province 317600, P. R. China | 8 | Jiangsu Jinko Day Sheng Solar Co.,Ltd.
No. 228, Yueheng North Road,
Fanshui Town, Industrial
concentration area, Baoying County,
Yangzhou Jiangsu Province 225819, P. R. China |


9 Jinko Solar Co.,Ltd.(fifth factory)
NO.1 YingBin Road,
Shangrao Economic Development Zone,
Jiangxi Province 334100
P. R. China



Dieser Anhang ersetzt den Vorgänger vom/
This annex replaces the previous annex dated

Datum / Date 17.09.2018

Zertifizierungsstelle
/ Certification Body



Dipl.-Ing. (TU) G. Reimann

Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
PV 50416412

Blatt *Sheet*
0058

Ihr Zeichen *Client Reference*
L.L.F

Unser Zeichen *Our Reference*
01-VZJ-50173415 049

Ausstellungsdatum *Date of Issue*
11.11.2021
(day/mo/yr)

Genehmigungsinhaber *License Holder*
Jinko Solar Co., Ltd.
No. 1 Jinko Road
Shangrao Economic Development Zone
334100 Jiangxi
P.R. China

Fertigungsstätte *Manufacturing Plant*
Refer to latest revision
of the annex list of factories

Prüfzeichen *Test Mark*



Geprüft nach *Tested acc. 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 61215-2:2017
EN 61215-1-1:2016
EN IEC 61730-1:2018
EN IEC 61730-2:2018

Zertifiziertes Produkt (Geräteidentifikation)
Certified Product (Product Identification)

Lizenzentgelte - Einheit
License Fee - Unit

PV Module

same as page 1 - 57

In addition:

Type Designations:

Max. system voltage (Up to 1500VDC)

With $\frac{1}{4}$ cut of mono c-Si cells:

JKMxxxN-78HL4-V (xxx=570-620, in steps of 5, 156 cells)

JKMxxxN-72HL4-V (xxx=560-570, in steps of 5, 144 cells)

JKMxxxN-66HL4-V (xxx=510-520, in steps of 5, 132 cells)

JKMxxxN-60HL4-V (xxx=465-475, in steps of 5, 120 cells)

JKMxxxN-54HL4-V (xxx=420-425, in steps of 5, 108 cells)

Remarks:

Fire Rating: Class C according to UL 790

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.
This certificate is based on our Testing and Certification Regulation. The product
fulfills above mentioned requirements, the production is subject to surveillance.

Zertifizierungsstelle



TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg

<http://www.tuv.com/safety> E-mail: markcheck@tuv.com

Fax: +49 221 806-3935

Dipl.-Ing. (FH) Tim Kirschner

Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
PV 50416412

Blatt *Sheet*
0060

Ihr Zeichen *Client Reference*
L.L.F

Unser Zeichen *Our Reference*
01-VZJ-50173415 053

Ausstellungsdatum *Date of Issue*
24.12.2021 (day/month/year)

Genehmigungsinhaber *License Holder*
Jinko Solar Co., Ltd.
No. 1 Jinko Road
Shangrao Economic Development Zone
334100 Jiangxi
P.R. China

Fertigungsstätte *Manufacturing Plant*
Refer to latest revision
of the annex list of factories

Prüfzeichen *Test Mark*



Geprüft nach *Tested acc. 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 61215-2:2017
EN 61215-1-1:2016
EN IEC 61730-1:2018
EN IEC 61730-2:2018

Zertifiziertes Produkt (Geräteidentifikation)
Certified Product (Product Identification)

Lizenzentgelte - Einheit
License Fee - Unit

PV Module

Same as page 1 - 59

In addition:

Type Designations:

Max. system voltage (Up to 1500VDC)

With 1/3 cut of mono c-Si cells:

JKMxxxN-78HL4-V (xxx=625, 156 cells)

JKMxxxN-72HL4-V (xxx=575, 144 cells)

JKMxxxN-66HL4-V (xxx=525, 132 cells)

JKMxxxN-60HL4-V (xxx=480, 120 cells)

JKMxxxN-54HL4-V (xxx=430, 108 cells)

JKMxxxM-72HL4-V, JKMxxxM-72HL4-V-J, JKMxxxM-72HL4-S-V,

JKMxxxM-72HL4-S-V-J (xxx=560-570, in steps of 5, 144 cells)

JKMxxxM-60HL4-V, JKMxxxM-60HL4-S-V
(xxx=465-470, in steps of 5, 120 cells)

JKMxxxM-72HL4-TV, JKMxxxM-72HL4-TV-J,

JKMxxxM-72HL4-S-TV, JKMxxxM-72HL4-S-TV-J

(xxx=555-565, in steps of 5, 144 cells)

Remarks:

Manufacturing Plant update: See annex.

Fire Rating: Class C according to UL 790

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.
This certificate is based on our Testing and Certification Regulation. The product
fulfills above mentioned requirements, the production is subject to surveillance.

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg

http://www.tuv.com/safety E-mail: markcheck@tuv.com

Fax: +49 221 806-3935

Zertifizierungsstelle



Dipl.-Ing. (FH) Tim Kirschner

**Anlage Fertigungsstättenliste
/Attachment List of Factories**



FV 50416412 0001

Anlagenrevision / Annex revision

15

- | | |
|--|---|
| <p>1 LDK SOLAR HIGH-TECH (HANGZHOU) CO., LTD.
No.1699 Tianxiang Road,
Hi-Tech Industrial
Development Zone,
Kunshan
Jiangsu, P.R. China</p> <p>3 Jinko Solar (Shanghai) Co., Ltd.
No 1 Yingbin Road, Economic Development Zone,
Shanghai City,
201500 Jiangsu
P.R. China</p> <p>5 Zhejiang Jinko Solar Co., Ltd.
No.58, Yuexi Road, Yueshou Town,
Haining City, Jiaxing City,
314416 Zhejiang
P.R. China</p> <p>7 Zhejiang Jinko Solar Co., Ltd.
No.55 Weishi Road,
Jianshan New District, Haining City,
314415 Zhejiang
P.R. China</p> | <p>2 VINA SOLAR TECHNOLOGY CO., LTD
Lot (TN-03) Factory E12,
Van Trung Industrial Park,
Bac Giang Province
Vietnam</p> <p>4 Jinko Solar Co., Ltd.
No. 1 Jinko Road
Shanghai Economic Development Zone
201500 Jiangsu
P.R. China</p> <p>6 Jiangsu Focus Solar Energy Technology
Co., LTD
No. 66 Life Avenue, Development Zone,
Haifan County, Wuxi City,
Jiangsu
P.R. China</p> <p>8 Jinko Solar (U.S.) Industries Inc.
9560 PGN-HIA
MEMORIAL PARKWAY, SUITE 200,
JACKSONVILLE, FL 32221
USA</p> |
|--|---|

TIGER NEO

Dual Glass, Maximum System Voltage 1500V:

Moduły z podwójnym szkłem, Maksymalne napięcie układu 1500V

Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
PV 50446257

Blatt *Sheet*
0001

Ihr Zeichen *Client Reference*
L.L.F

Unser Zeichen *Our Reference*
01-LCH-50289003 001

Ausstellungsdatum
05.09.2019

Date of Issue
(day/month)

Genehmigungsinhaber *License Holder*
Jinko Solar Co., Ltd.
No. 1 Jinko Road
Shangrao Economic Development Zone
Jiangxi Province 334100
P. R. China

Fertigungsstätte *Manufacturing Plant*
Refer to latest revision
of the annex list of factories

Prüfzeichen *Test Mark*



EN 61215
IEC 61215
Regular Production
Surveillance

www.tuv.com
Tel. +49 221 310 20 0

Geprüft nach *Tested acc. 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 61215-2:2017
EN 61215-1-1:2016
EN IEC 61730-1:2018
EN IEC 61730-2:2018

Zertifiziertes Produkt (Geräteidentifikation)
Certified Product (Product Identification)

Lizenzentgelte - Einheit
License Fee - Unit

PV Module

Type Designation:

50

Max. System Voltage: up to 1500 VDC (Voc at STC)

With 6" Bifacial N-Type Mono c-Si cells:

JKMxxxM-72L-BDV; (xxx=375-405, in steps of 5, 72 cells)

JKGxxxM-72-BDV; (xxx=375-405, in steps of 5, 72 cells)

JKMxxxM-60L-BDV; (xxx=310-335, in steps of 5, 60 cells)

JKKxxxM-60-BDV; (xxx=310-335, in steps of 5, 60 cells)

With 1/2 cut of 6" Bifacial N-Type Mono c-Si cells:

JKMxxxM-72HL-BDV; (xxx=390-410, in steps of 5, 144 cells)

JKGxxxM-72H-BDV; (xxx=390-410, in steps of 5, 144 cells)

JKMxxxM-60HL-BDV; (xxx=325-340, in steps of 5, 120 cells)

JKKxxxM-60H-BDV; (xxx=325-340, in steps of 5, 120 cells)

With 6" Bifacial P-type Mono c-Si cells:

JKMxxxM-72L-BDVP; (xxx=370-395, in steps of 5, 72 cells)

JKGxxxM-72-BDVP; (xxx=370-395, in steps of 5, 72 cells)

JKMxxxM-60L-BDVP; (xxx=305-325, in steps of 5, 60 cells)

JKKxxxM-60-BDVP; (xxx=305-325, in steps of 5, 60 cells)

Continued on Page 2

50

*Das Zertifikat liegt unsere Prüf- und Zertifizierungsanordnung zugrunde.
Das Produkt entspricht den ob. Anforderungen, die Herstellung wird überwacht.
This certificate is based on our Testing and Certification Regulation. The product
fulfills above mentioned requirements, the production is subject to surveillance.*



Zertifizierungsstelle

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg
Tel. +49 221 310 1 17; e-mail cert-validity@det.tuv.com
Fax +49 221 310 3955; http://www.tuv.com/surety

Dipl.-Ing. Th. Illing

Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
PV 50446257

Blatt *Sheet*
0002

Ihr Zeichen *Client Reference*
L.L.F

Unser Zeichen *Our Reference*
01-LCH-50289003 001

Ausstellungsdatum *Date of Issue*
05.03.2019
(day/month)

Genehmigungsinhaber *License Holder*
Jinko Solar Co., Ltd.
No. 1 Jinko Road
Shangrao Economic Development Zone
Jiangxi Province 334100
P. R. China

Fertigungsstätte *Manufacturing Plant*
Refer to latest revision
of the annex list of factories

Prüfzeichen *Test Mark*



IEC 61215
IEC 61730
Regu of Production
Surveillance
www.tuv.com
ID 1419C12820

Geprüft nach *Tested acc. 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 61215-2:2017
EN 61215-1-1:2016
EN IEC 61730-1:2018
EN IEC 61730-2:2018

Zertifiziertes Produkt (Geräteidentifikation)
Certified Product (Product Identification)

Lizenzentgelte - Einheit
License Fee - Unit

PV Module

Continuation of Page 1

4

Type Designation:

With 1/2 cut of 6" bifacial P-Type Mono c Si cells:
JKMxxxM-72HL-BDVF; (xxx=375-400, in steps of 5, 144 cells)
JKMxxxM-72H-BDVF; (xxx=375-400, in steps of 5, 144 cells)
JKMxxxM-60HL-BDVF; (xxx=310-330, in steps of 5, 120 cells)
JKMxxxM-60H-BDVF; (xxx=310-330, in steps of 5, 120 cells)

Remarks:

Class II acc. to IEC 61140

Fire Rating: Class A

Safety Factors: 1.5

Design Load (Refer to test report for details of
corresponding material and installation method.):

1500 Pa (downward) / 1600 Pa (upward)

3500 Pa (downward) / 1600 Pa (upward)

Continued on Page 3



3

Das Zertifikat liegt unser Prüf- und Zertifizierungsprozess zugrunde.
Das Produkt entspricht den in den Anforderungen, die Herstellung wird überwacht.
This certificate is based on our Testing and Certification Regulation. The product
fulfills above mentioned requirements, the production is subject to surveillance.

Zertifizierungsstelle

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg
Tel.: +49 221 806 1371 e-mail: cert.rhldcity@tuv.com
Fax: +49 221 806 3933 http://www.tuv.com/certecy

Dipl.-Ing. Th. Illing

Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
PV 50446257

Blatt *Sheet*
0003

Ihr Zeichen *Client Reference*
L.L.F

Unser Zeichen *Our Reference*
01-LCH-50289003 001

Ausstellungsdatum *Date of Issue*
05.09.2019
(day/month)

Genehmigungsinhaber *License Holder*
Jinko Solar Co., Ltd.
No. 1 Jinko Road
Shangrao Economic Development Zone
Jiangxi Province 334100
P. R. China

Fertigungsstätte *Manufacturing Plant*
Refer to latest revision
of the annex list of factories

Prüfzeichen *Test Mark*



Geprüft nach *Tested acc. 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 61215-2:2017
EN 61215-1-1:2016
EN IEC 61730-1:2018
EN IEC 61730-2:2018

Zertifiziertes Produkt *(Geräteidentifikation)*
Certified Product (Product Identification)

Lizenzentgelte - Einheit
License Fee - Unit

PV Module

Continuation of Page 2

4

Conditions:

The product test is voluntarily according to technical regulations. Any change of the design, materials, components or processing may require the repetition of some of the qualification tests in order to retain type approval. The certificate is valid until 04 September 2024.

4

This Certificate is based on our Test- and Zertifizierungsanforderung zugrunde. Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht. This certificate is based on our Testing and Certification Regulation. The product fulfills above mentioned requirements, the production is subject to surveillance.



Zertifizierungsstelle

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg
Tel. +49 221 906 1371 e-mail: cert-validity@de.tuv.com
Fax: +49 221 806-3935 <http://www.tuv.com/safety>

Dipl.-Ing. Th. Illing

**Anlage Fertigungsstättenliste
/Attachment List of Factories**



IV 50446257 0001

- | | |
|---|---|
| <p>1. Zhejiang Jinko Solar Co., Ltd.
Yuan Xi Road
Technological Functional Zone
Yuan Hua Town
Haining, Zhejiang 314414
P. R. China</p> | <p>2. Jinko Solar Co., Ltd.
No. 1 Jinko Road
Shangrao Economic Development Zone
Jiangxi Province 334109
P. R. China</p> |
| <p>3. JINKO SOLAR TECHNOLOGY SDN. BHD.
2431, Tingkat Perusahaan 4
Kawasan Perusahaan Bebas Peral
13600 Perai, Tanjong
Malaysia</p> | <p>4. Zhejiang Jinko Solar Co., Ltd
No. 35 Haining Road,
Jinchuan New District, Haining City,
Zhejiang Province, 314405
P. R. China</p> |
| <p>5. JINKO SOLAR TECHNOLOGY
SDN. BHD. (P2)
2432, Lorong Perusahaan 4
Kawasan Perusahaan Bebas Peral,
Phase 1
13600 Perai, Penang
Malaysia</p> | <p>6. JINKO SOLAR TECHNOLOGY SDN. BHD. (P1)
Lot 10484, Plot C & D
Jalan Perusahaan, Mukim 1
13600 Selatang Peral, Tanjong, Penang
Malaysia</p> |
| <p>7. Yunan Jinkosolar Co., Ltd
At the intersection of Shanghai Road
and Taishan Road in the third phase of
Yunan economic development zone,
Zhejiang province 317600
P. R. China</p> | <p>8. Jiangsu Jinko Day Sheng Solar Co., Ltd.
No. 228, Yancheng North Road,
Fanchui Town, Industrial
concentration area, Bazyong County,
Yangzhou, Jiangsu Province, 225819
P. R. China</p> |



9 Jinko Solar Co., Ltd. (Factory)
NO.1 Yangxin Road,
Shanghai Economic Development Zone
Jiangxi Province 334100
P. R. China

10 Jinko Solar Technology Sdn. Bhd. (PS)
Plot 538 Tingkat Perusahaan 1A,
Perai Free Trade Zone
13600 Perai, Penang
Malaysia

11 Jinko Solar Technology Sdn. Bhd. (PS)
2480, Tingkat Perusahaan Eran,
Perai Free Trade Zone,
13600 Perai, Penang
Malaysia

12 Jinko Solar (U.S.) Industries Inc.
3000 RRM-11A
MEDICAL PARKWAY, SUITE 100,
JACKSONVILLE, FL 32211
USA

Dieser Anhang ersetzt den Vorgänger vom/
This annex replaces the previous annex dated

Datum / Date 05.09.2019



Zertifizierungsstelle
/ Certification Body


Dipl.-Ing. Th. Illing

Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
PV 50446257

Blatt *Sheet*
0018

Ihr Zeichen *Client Reference*
L.L.F

Unser Zeichen *Our Reference*
01-VZJ-50289003 026

Ausstellungsdatum *Date of Issue*
04.11.2021
(day/month/year)

Genehmigungsinhaber *License Holder*
Jinko Solar Co., Ltd.
No. 1 Jinko Road
Shangrao Economic Development Zone
334100 Jiangxi
P.R. China

Fertigungsstätte *Manufacturing Plant*
Refer to latest revision
of the annex list of factories

Prüfzeichen *Test Mark*



Geprüft nach *Tested acc. 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 61215-2:2017
EN 61215-1-1:2016
EN IEC 61730-1:2018
EN IEC 61730-2:2018

Zertifiziertes Produkt (Geräteidentifikation)
Certified Product (Product Identification)

Lizenzentgelte - Einheit
License Fee - Unit

PV Module

Same as Page 1 - 17

In addition:

Type Designations:

Max. system voltage (Up to 1500VDC)

With $\frac{1}{2}$ cut of mono c-Si cells:

JKMxxxN-78HL4-BDV (xxx-570-615, in steps of 5, 156 cells)

JKMxxxN-72HL4-BDV, JKMxxxN-72HL4-BDV-J

(xxx-555-565, in steps of 5, 144 cells)

JKMxxxN-66HL4-BDV (xxx-505-520, in steps of 5, 132 cells)

JKMxxxN-60HL4-BDV (xxx-460-470, in steps of 5, 120 cells)

JKMxxxN-54HL4-BDV (xxx-415-425, in steps of 5, 108 cells)

Remarks:

Fire Rating: Class A according to UL790.

*Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.
This certificate is based on our Testing and Certification Regulation. The product
fulfills above mentioned requirements, the production is subject to surveillance.*

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg

http://www.tuv.com/safety E-mail: markcheck@tuv.com

Fax: +49 221 806-3935



Dipl.-Ing. (FH) Tim Kirschner

Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
PV 50446257

Blatt *Sheet*
0019

Ihr Zeichen *Client Reference*
L.L.F

Unser Zeichen *Our Reference*
01-VZJ-50289003 030

Ausstellungsdatum *Date of Issue*
24.12.2021
(day/mo/yr)

Genehmigungsinhaber *License Holder*
Jinko Solar Co., Ltd.
No. 1 Jinko Road
Shangrao Economic Development Zone
334100 Jiangxi
P.R. China

Fertigungsstätte *Manufacturing Plant*
Refer to latest revision
of the annex list of factories

Prüfzeichen *Test Mark*



Geprüft nach *Tested acc. 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 61215-2:2017
EN 61215-1-1:2016
EN IEC 61730-1:2018
EN IEC 61730-2:2018

Zertifiziertes Produkt (Geräteidentifikation)
Certified Product (Product Identification)

Lizenzentgelte - Einheit
License Fee - Unit

PV Module

Same as Page 1 - 18

In addition:

Type Designations:

Max. system voltage (Up to 1500VDC)

With 1/2 cut of mono c-Si cells:

JKMxxxM-72HL4-BDVP, JKMxxxM-72HL4-BDVP-J

(xxx=555-565, in steps of 5, 144 cells)

JKMxxxN-78HL4-BDV (xxx=620-625, in steps of 5, 156 cells)

JKMxxxN-72HL4-BDV, JKMxxxN-72HL4-BDV-J

(xxx=570-575, in steps of 5, 144 cells)

Remarks:

Fire Rating: Class A according to UL790.

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.
This certificate is based on our Testing and Certification Regulation. The product
fulfills above mentioned requirements, the production is subject to surveillance.

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg
<http://www.tuv.com/safety> E-mail: markebeck@tuv.com
Fax: +49 221 806-3935

Zertifizierungsstelle



Dipl.-Ing. (FH) Tim Kirscher

Anlage Fertigungsstättenliste
/Attachment List of Factories



PV 50446257 0001

Anlagenrevision / Annex revision

7

- 1 Jinko Solar(Shangrao)Co., Ltd.
No.1,Yingbin Road, Economic Development Zone,
Shangrao City,
334100 Jiangxi
P.R. China
- 2 Jinko Solar Co., Ltd.
No. 1 Jinko Road
Shangrao Economic Development Zone
334100 Jiangxi
P.R. China
- 3 Zhejiang Jinko Solar Co., Ltd.
No.58, Yuanxi Road, Yuanhua Town,
Haining City, Jiaxing City,
314416 Zhejiang
P.R. China
- 4 Yuhuan Jinkosolar Co., Ltd
At the intersection of Shanghai Road
and Taizhou Road in the third issue of
Yuhuan economic development Zone,
317600 Zhejiang
P.R. China
- 5 HT SOLAR VIETNAM LIMITED COMPANY.
F3 Lot, factory F3-1,F3-2,
Trang Duu Industrial Park,
An Duong District, A part of Dinh Vu-Cat Hai
Economic Zone,
Bai Phong City,
Vietnam
- 6 JINKO SOLAR TECHNOLOGY SDN. BHD. (P3)
Lot 10085, Plot C & D
Jalan Perusahaan, Mukim 1
13600 Seberang Perai Tengah, Penang
Malaysia
- 7 Zhejiang Jinko Solar Co., Ltd.
No.35 Haishi Road,
Jianshan New District, Haining City,
314415 Zhejiang
P.R. China
- 8 JINKO SOLAR TECHNOLOGY
SDN. BHD. (P2)
2522, Lorong Perusahaan 4 Kawasan
Perusahaan Bebas Perai, Phase 1
13600 Perai, Penang
Malaysia

9 Jinko Solar Technology Sdn. Bhd. (P6)
2480, Tingkat Perusahaan Knam,
Perai Free Trade Zone,
13600 Perai, Penang
Malaysia

10 Jinko Solar (U.S.) Industries Inc.
4660 POW-MIA
MEMORIAL PARKWAY, SUITE 200,
JACKSONVILLE, FL 32221
USA

11 Jinko Solar (Chuzhou) Co., Ltd
NO. 18 Lining Road, Lai'an Economic
Development Zone, Chuzhou City,
239200 Anhui
P.R. China

12 Jinko Solar (Yiwu) Co., Ltd
No. 1555, Chengxin Road,
Niansanli Street, Yiwu City,
322013 Zhejiang
P.R. China

13 Jinko Solar Technology Sdn. Bhd. (P5)
Plot 538 Tingkat Perusahaan 4B,
Perai Free Trade Zone
13600 Perai, Penang
Malaysia

Dieser Anhang ersetzt den Vorgänger vom/
This annex replaces the previous annex dated

Datum / Date 05.09.2019

Zertifizierungsstelle
/ Certification Body



Dipl.-Ing. (FH) Tim Kirschner