

Disclaimer: IEC 61215/IEC 61730 certificates

Tiger PRO Monofacial 72 Half Cell -1500V

Code: JKM*M-72HL4-V**

The following page(s) represent an extraction from the original certificate(s).

For the case of **Tiger PRO Monofacial 72 Half Cell-1500V (JKM***M-72HL4-V)**, the following page(s) and certificate(s) apply:

Certificate Nr.	Certificate Page(s)	Relevance for Tiger PRO Monofacial 72 Half Cell - 1500V
PV 50416412	0001-02 (original annex)	Certification validity until 16 Sep 2023. (page 0002) Fire Rating: Class C (page 0002)
PV 50416412	0031-0032	JKM***M-72HL4-V Power range: 745-540 W (Page 0032)
PV 50416412	0037-0044	JKM***M-72HL4-V Power range: 545-555 W (Page 0043)
PV 50416412	0060	JKM***M-72HL4-V Power range: 560-570 W (Page 0060)
PV 50416412	Annex Rev:15	Latest list of factories

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

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

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

Europe Technical Support

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

17.09.2018

Date of Issue

(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

Type Designation:

With 6" mono c-Si cells:

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

38



38

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

Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
PV 50416412

Blatt *Sheet*
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

- | | |
|---|---|
| <p>1 Zhejiang Jinko Solar Co., Ltd.
Yuan Xi Road
Technical Functional Zone
Yuan Hua Town
Haining, Zhejiang 314416, P. R. China</p> | <p>2 Jinko Solar Co., Ltd.
No. 1 Jinko Road
Shangrao Economic Development Zone
Jiangxi Province 334100
P. R. China</p> |
| <p>3 JINKO SOLAR TECHNOLOGY SDN. BHD.
2481, Tingkat Perusahaan 4
Kawasan Perusahaan Bebas Perai
13600 Perai, Penang
Malaysia</p> | <p>4 Zhejiang Jinko Solar Co., Ltd.
No.35 Haishi Road,
Jianshan New District, Haining City,
Zhejiang Province. 314415
P. R. China</p> |
| <p>5 JINKO SOLAR TECHNOLOGY
SDN. BHD. (P2)
2522, Lorong Perusahaan 4
Kawasan Perusahaan Bebas Perai,
Phase 1, 13600 Perai, Penang, Malaysia</p> | <p>6 JINKO SOLAR TECHNOLOGY SDN. BHD. (P3)
Lot 10085, Plot C & D
Jalan Perusahaan, Mukim 1
13600 Seberang Perai Tengah, Penang
Malaysia</p> |
| <p>7 Yuhuan Jinkosolar 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</p> | <p>8 Jiangsu Jinko Day Sheng Solar Co., Ltd.
No. 228, Yuesheng North Road,
Fanshui Town, Industrial
concentration area, Baoying County,
Yangzhou Jiangsu Province 225819, P. R. China</p> |

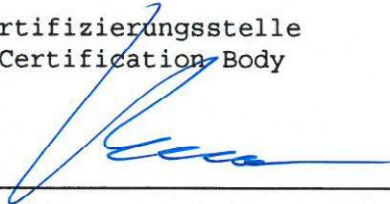
9 Jinko Solar Co.,Ltd.(fifth factory)
NO.1 YingBin Road,
Shangrao Economic Development Zone,
Jiangxi Province 334100
P. R. China



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*
0031

Ihr Zeichen <i>Client Reference</i>	Unser Zeichen <i>Our Reference</i>	Ausstellungsdatum	<i>Date of Issue</i>
L.L.F	01-Liedw-50173415 029	11.09.2020	(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*



IEC 61215
IEC 61730
Regular Production
Surveillance

www.tuv.com
ID 1419061546

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 - 30

In addition:

Type Designations:

With ½ cut of mono c-Si cells:

JKMxxxM-7RL4-TV, JKMxxxM-7RL4-TV-J
(xxx=525-575, in steps of 5, 156 cells)

JKMxxxM-7TL4-TV, JKMxxxM-7TL4-TV-J
(xxx=485-530, in steps of 5, 144 cells)

JKMxxxM-6RL4-TV (xxx=445-485, in steps of 5, 132 cells)

JKMxxxM-6TL4-TV (xxx=405-440, in steps of 5, 120 cells)

JKMxxxM-5RL4-TV (xxx=365-395, in steps of 5, 108 cells)

JKMxxxM-7RL4-V, JKMxxxM-7RL4-V-J
(xxx=535-575, in steps of 5, 156 cells)

JKMxxxM-7TL4-V, JKMxxxM-7TL4-V-J
(xxx=495-530, in steps of 5, 144 cells)

Continued on Page 32

4

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@de.tuv.com

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

Zertifizierungsstelle



Dipl.-Ing. (FH) Tim Kirschner

Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
PV 50416412

Blatt *Sheet*
0032

Ihr Zeichen <i>Client Reference</i>	Unser Zeichen <i>Our Reference</i>	Ausstellungsdatum	<i>Date of Issue</i>
L.L.F	01-Liedw-50173415 029	11.09.2020	(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

In continuation of Page 31

4

Type Designations:

JKMxxxM-6RL4-V (xxx=455-485, in steps of 5, 132 cells)
JKMxxxM-6TL4-V (xxx=415-440, in steps of 5, 120 cells)
JKMxxxM-5RL4-V (xxx=375-395, in steps of 5, 108 cells)
JKMxxxM-72HL4-V, JKMxxxM-72HL4-V-J
(xxx=475-540, in steps of 5, 144 cells)
JKMxxxM-66HL4-V (xxx=440-495, in steps of 5, 132 cells)
JKMxxxM-60HL4-V (xxx=400-450, in steps of 5, 120 cells)
JKMxxxM-54HL4-V (xxx=360-405, in steps of 5, 108 cells)
JKMxxxM-72HL4-TV, JKMxxxM-72HL4-TV-J
(xxx=475-535, in steps of 5, 144 cells)
JKMxxxM-66HL4-TV (xxx=440-490, in steps of 5, 132 cells)
JKMxxxM-60HL4-TV (xxx=400-445, in steps of 5, 120 cells)
JKMxxxM-54HL4-TV (xxx=360-400, in steps of 5, 108 cells)

Remarks:

Manufacturing Plant Update: See annex.

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. (FH) Tim Kirschner

Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
PV 50416412

Blatt *Sheet*
0037

Ihr Zeichen *Client Reference*

L.L.F

Unser Zeichen *Our Reference*

01-VZJ-50173415 034

Ausstellungsdatum

30.12.2020

Date of Issue

(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 - 36

4

In addition:

Type Designations:

With ½ cut of mono c-Si cells:

MMxxx-72HLM-MBV (xxx=420-455, in steps of 5, 144 cells)
MMxxx-60HLM-MBV (xxx=350-375, in steps of 5, 120 cells)
JKMxxxN-72HL4-V (xxx=485-555, in steps of 5, 144 cells)
JKMxxxN-66HL4-V (xxx=445-505, in steps of 5, 132 cells)
JKMxxxN-60HL4-V (xxx=405-460, in steps of 5, 120 cells)
JKMxxxN-54HL4-V (xxx=365-415, in steps of 5, 108 cells)
JKMxxxN-72HL4-TV (xxx=480-545, in steps of 5, 144 cells)
JKMxxxN-66HL4-TV (xxx=440-495, in steps of 5, 132 cells)
JKMxxxN-60HL4-TV (xxx=400-450, in steps of 5, 120 cells)
JKMxxxN-54HL4-TV (xxx=360-405, in steps of 5, 108 cells)

Continued on Page 38

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@de.tuv.com

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

Zertifizierungsstelle



Dipl.-Ing. (FH) F. He

Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
PV 50416412

Blatt *Sheet*
0038

Ihr Zeichen <i>Client Reference</i>	Unser Zeichen <i>Our Reference</i>	Ausstellungsdatum	<i>Date of Issue</i>
L.L.F	01-VZJ-50173415 034	30.12.2020	(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

In continuation of Page 37

JKMxxxN-7RL4-V (xxx=535-590, in steps of 5, 156 cells)
JKMxxxN-7TL4-V (xxx=495-540, in steps of 5, 144 cells)
JKMxxxN-6RL4-V (xxx=455-495, in steps of 5, 132 cells)
JKMxxxN-6TL4-V (xxx=415-450, in steps of 5, 120 cells)
JKMxxxN-5RL4-V (xxx=375-405, in steps of 5, 108 cells)
JKMxxxN-7RL4-TV (xxx=520-585, in steps of 5, 156 cells)
JKMxxxN-7TL4-TV (xxx=480-540, in steps of 5, 144 cells)
JKMxxxN-6RL4-TV (xxx=440-495, in steps of 5, 132 cells)
JKMxxxN-6TL4-TV (xxx=400-450, in steps of 5, 120 cells)
JKMxxxN-5RL4-TV (xxx=365-405, in steps of 5, 108 cells)

Continued on Page 39

4

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@de.tuv.com

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

Zertifizierungsstelle



Dipl.-Ing. (FH) F. He

Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
PV 50416412

Blatt *Sheet*
0039

Ihr Zeichen *Client Reference*
L.L.F

Unser Zeichen *Our Reference*
01-VZJ-50173415 034

Ausstellungsdatum *Date of Issue*
30.12.2020
(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

In continuation of Page 38

JKMxxxM-72HL4-B-V (xxx=510-535, in steps of 5, 144 cells)
JKMxxxM-66HL4-B-V (xxx=465-490, in steps of 5, 132 cells)
JKMxxxM-60HL4-B-V (xxx=425-445, in steps of 5, 120 cells)
JKMxxxM-54HL4-B-V (xxx=380-400, in steps of 5, 108 cells)
JKMxxxN-72HL4-B-V (xxx=510-535, in steps of 5, 144 cells)
JKMxxxN-66HL4-B-V (xxx=465-490, in steps of 5, 132 cells)
JKMxxxN-60HL4-B-V (xxx=425-445, in steps of 5, 120 cells)
JKMxxxN-54HL4-B-V (xxx=380-400, in steps of 5, 108 cells)
JKMxxxM-7RL4-B-V (xxx=540-575, in steps of 5, 156 cells)
JKMxxxM-7TL4-B-V (xxx=495-530, in steps of 5, 144 cells)

Continued on Page 40

4

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@de.tuv.com

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

Zertifizierungsstelle



Dipl.-Ing. (FH) F. He

Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
PV 50416412

Blatt *Sheet*
0040

Ihr Zeichen *Client Reference*
L.L.F

Unser Zeichen *Our Reference*
01-VZJ-50173415 034

Ausstellungsdatum *Date of Issue*
30.12.2020 (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

In continuation of Page 39

4

JKMxxxM-6RL4-B-V (xxx=455-485, in steps of 5, 132 cells)
JKMxxxM-6TL4-B-V (xxx=415-440, in steps of 5, 120 cells)
JKMxxxM-5RL4-B-V (xxx=375-395, in steps of 5, 108 cells)
JKMxxxN-7RL4-B-V (xxx=540-575, in steps of 5, 156 cells)
JKMxxxN-7TL4-B-V (xxx=495-530, in steps of 5, 144 cells)
JKMxxxN-6RL4-B-V (xxx=455-485, in steps of 5, 132 cells)
JKMxxxN-6TL4-B-V (xxx=415-440, in steps of 5, 120 cells)
JKMxxxN-5RL4-B-V (xxx=375-395, in steps of 5, 108 cells)

Continued on Page 41

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

Zertifizierungsstelle

Dipl.-Ing. (FH) F. He

Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
PV 50416412

Blatt *Sheet*
0041

Ihr Zeichen <i>Client Reference</i>	Unser Zeichen <i>Our Reference</i>	Ausstellungsdatum	<i>Date of Issue</i>
L.L.F	01-VZJ-50173415 034	30.12.2020	(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

In continuation of Page 40
With ½ cut of mono c-Si cells:
JKMxxxM-7RL4-V, JKMxxxM-7RL4-V-J
(xxx=580-590, in steps of 5, 156 cells)
JKMxxxM-7TL4-V, JKMxxxM-7TL4-V-J
(xxx=535-540, in steps of 5, 144 cells)
JKMxxxM-6RL4-V (xxx=490-495, in steps of 5, 132 cells)
JKMxxxM-6TL4-V (xxx=445-450, in steps of 5, 120 cells)
JKMxxxM-5RL4-V (xxx=400-405, in steps of 5, 108 cells)
JKMxxxM-7RL4-TV, JKMxxxM-7RL4-TV-J
(xxx=580-590, in steps of 5, 156 cells)
JKMxxxM-7TL4-TV, JKMxxxM-7TL4-TV-J
(xxx=535-540, in steps of 5, 144 cells)
Continued on Page 42

4

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



Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
PV 50416412

Blatt *Sheet*
0042

Ihr Zeichen *Client Reference*
L.L.F

Unser Zeichen *Our Reference*
01-VZJ-50173415 034

Ausstellungsdatum *Date of Issue*
30.12.2020 (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

In continuation of Page 41
JKMxxxM-6RL4-TV (xxx=490-495, in steps of 5, 132 cells)
JKMxxxM-6TL4-TV (xxx=445-450, in steps of 5, 120 cells)
JKMxxxM-5RL4-TV (xxx=400-405, in steps of 5, 108 cells)
JKMxxxM-7RL3-V, JKMxxxM-7RL3-V-J, JKMSxxxM-7RL3-V-TI
(xxx=480-495, in steps of 5, 156 cells)
JKMxxxM-6RL3-V, JKMxxxM-6RL3-V-J, JKMSxxxM-6RL3-V-TI
(xxx=405-415, in steps of 5, 132 cells)
JKMxxxM-6TL3-V, JKMSxxxM-6TL3-V-TI
(xxx=370-380, in steps of 5, 120 cells)
JKMxxxN-7RL3-V, JKMxxxN-7RL3-V-J, JKMSxxxN-7RL3-V-TI
(xxx=480-490, in steps of 5, 156 cells)
Continued on Page 43

4

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



Dipl.-Ing. (FH) F. He

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

Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
PV 50416412

Blatt *Sheet*
0043

Ihr Zeichen *Client Reference*
L.L.F

Unser Zeichen *Our Reference*
01-VZJ-50173415 034

Ausstellungsdatum *Date of Issue*
30.12.2020 (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

In continuation of Page 42
JKMxxxN-6RL3-V, JKMxxxN-6RL3-V-J, JKMSxxxN-6RL3-V-TI
(xxx=405-410, in steps of 5, 132 cells)
JKMxxxN-6TL3-V, JKMSxxxN-6TL3-V-TI
(xxx=370-375, in steps of 5, 120 cells)
JKMxxxM-72HL4-V, JKMxxxM-72HL4-V-J
(xxx=545-555, in steps of 5, 144 cells)
JKMxxxM-66HL4-V (xxx=500-505, in steps of 5, 132 cells)
JKMxxxM-60HL4-V (xxx=455-460, in steps of 5, 120 cells)
JKMxxxM-54HL4-V (xxx=410-415, in steps of 5, 108 cells)
Continued on Page 44

4

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

Zertifizierungsstelle



Dipl.-Ing. (FH) F. He

Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
PV 50416412

Blatt *Sheet*
0044

Ihr Zeichen *Client Reference*
L.L.F

Unser Zeichen *Our Reference*
01-VZJ-50173415 034

Ausstellungsdatum *Date of Issue*
30.12.2020 (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

In continuation of Page 43
JKMxxxM-72HL4-TV, JKMxxxM-72HL4-TV-J
(xxx=540-550, in steps of 5, 144 cells)
JKMxxxM-66HL4-TV (xxx=495-500, in steps of 5, 132 cells)
JKMxxxM-60HL4-TV (xxx=450-455, in steps of 5, 120 cells)
JKMxxxM-54HL4-TV (xxx=405-410, in steps of 5, 108 cells)

4

Remarks:
Changes:
Manufacturing Plant update: see annex.

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



Dipl.-Ing. (FH) F. He

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

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/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 - 59

In addition:

Type Designations:

Max. system voltage (Up to 1500VDC)

With 1/2 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



Dipl.-Ing. (FH) Tim Kirschner

**Anlage Fertigungsstättenliste
/Attachment List of Factories**



PV 50416412 0001

Anlagenrevision / Annex revision

15

- | | |
|--|--|
| <p>1 LDK SOLAR HIGH-TECH(NANCHANG)
CO., LTD.
No.1699 Tianxiang Road,
Hi-Tech Industrial
Development Zone,
Nanchang
Jiangxi, P.R. China</p> <p>3 Jinko Solar(Shangrao)Co., Ltd.
No.1.Yingbin Road, Economic Development Zone,
Shangrao City,
334100 Jiangxi
P.R. China</p> <p>5 Zhejiang Jinko Solar Co., Ltd.
No.58, Yuanxi Road, Yuanhua Town,
Haining City, Jiaxing City,
314416 Zhejiang
P.R. China</p> <p>7 Zhejiang Jinko Solar Co., Ltd.
No.35 Haishi Road,
Jianshan New District, Haining City,
314415 Zhejiang
P.R. China</p> | <p>2 VINA SOLAR TECHNOLOGY CO., LTD
Lot CN-03 Factory E12,
Van Trung Industrial Park,
Bac Giang Province
Vietnam</p> <p>4 Jinko Solar Co., Ltd.
No. 1 Jinko Road
Shangrao Economic Development Zone
334100 Jiangxi
P.R. China</p> <p>6 Jiangsu Focus Solar Energy Technology
Co., LTD.
No. 66 Lifa Avenue, Development Zone,
Hai'an County,Nantong City,
Jiangsu
P.R. China</p> <p>8 Jinko Solar (U.S.) Industries Inc.
4660 POW-MIA
MEMORIAL PARKWAY, SUITE 200,
JACKSONVILLE, FL 32221
USA</p> |
|--|--|

- 9 Jinko Solar Technology Sdn. Bhd. (P6)
2480, Tingkat Perusahaan Enam,
Perai Free Trade Zone,
13600 Perai, Penang
Malaysia
- 10 Jinko Solar (Haining) Co.,Ltd
No.89, Lianhong Road,
Yuanhua town,
Haining City, Jiaxing City,
Zhejiang
P.R. China
- 11 Jinko Solar (Chuzhou) Co., Ltd
NO. 18 Liming Road, Lai'an Economic
Development Zone, Chuzhou City,
239200 Anhui
P.R. China
- 12 MECEN SOLAR VINA CO., LTD
Lot CN2-2 and CN9-4, Yen Phong
Industrial Park (expanded area),
Yen Trung Commune,
Yen Phong District, Bac Ninh Province,
Vietnam
- 13 JINKO SOLAR (MALAYSIA) SDN. BHD.
Lot 393, Ladang Valdor,
Kawasan Perindustrian Valdor,
14100 Sungai Jawi, Pulau Pinang,
Malaysia
- 14 GREEN WING SOLAR TECHNOLOGY VIET NAM
CO., LTD
Leasing workshop of Hai Cuong Phat
Co., Ltd at Lot CN 5C-4, Que Vo III
Industrial Park, Viet Hung Commune,
Que Vo District, Bac Ninh Province,
Vietnam
- 15 Jinko Solar Technology Sdn. Bhd.
No. 1412, Lorong Perusahaan 1,
Kawasan Perusahaan Perai,
13600 Pulau Pinang
Malaysia
- 16 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

17 JINKO SOLAR TECHNOLOGY

SDN. BHD. (P2)
2522, Lorong Perusahaan 4 Kawasan
Perusahaan Bebas Perai, Phase 1
13600 Perai, Penang
Malaysia

18 Yuhuan Jinkosolar Co., Ltd

No5. Jinghai Road, Economic development zone,
Yuhuan City,
317600 Zhejiang
P.R. China

19 JINKO SOLAR TECHNOLOGY SDN. BHD. (P3)

Lot 10085, Plot C & D
Jalan Perusahaan, Mukim 1
13600 Seberang Perai Tengah, Penang
Malaysia

20 Jinko Solar Technology Sdn. Bhd. (P5)

Plot 538 Tingkat Perusahaan 4B,
Perai Free Trade Zone
13600 Perai, Penang
Malaysia

21 HT SOLAR VIETNAM LIMITED COMPANY.

F3 Lot, factory F3-1, F3-2,
Trang Due Industrial Park,
An Duong District, A part of Dinh Vu-Cat Hai
Economic Zone,
Hai Phong City,
Vietnam

22 Jinko Solar (Yiwu) Co., Ltd

No. 1555, Chengxin Road,
Niansanli Street, Yiwu City,
322013 Zhejiang
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. (FH) F. He

