

Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
R 50412869

Blatt *Sheet*
0001

Ihr Zeichen <i>Client Reference</i>	Unser Zeichen <i>Our Reference</i>	Ausstellungsdatum <i>Date of Issue</i>
Z.X.W.	01-Renviv-50163017 001	12.07.2018 (day/month/year)

Genehmigungsinhaber *License Holder*

Changzhou Fengguo Jin'e Cable Co., Ltd.
Henshan Bridge Town, Wujin District,
Changzhou Furong Industrial Park
Changzhou, Jiangsu
P. R. China

Fertigungsstätte *Manufacturing Plant*

Changzhou Fengguo Jin'e Cable Co., Ltd.
Henshan Bridge Town, Wujin District,
Changzhou Furong Industrial Park
Changzhou, Jiangsu
P. R. China

Prüfzeichen *Test Mark*



Geprüft nach *Tested acc. to*
EN 50618:2014

Zertifiziertes Produkt (Geräteidentifikation)
Certified Product (Product Identification)

Lizenzentgelte - Einheit
License Fee - Unit

Cable (Cables for Photovoltaic Systems)

Type Designation : H1Z2Z2-K 1X2,5...6mm²
Changzhou Fengguo Jin'e Cable Co., Ltd.
Rated Voltage : DC 1,5kV
AC 1,0/1,0kV

7

Ambient Temperature : -40°C to +90°C

Max. Temperature
at Conductor : 120°C

The labelling requirements acc. to EU Directive 2001/95
have to be observed for distribution within the EEA.

7

ANLAGE (Appendix): 1.0

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde und es bestätigt die Konformität des Produktes mit den oben genannten Standards und Prüfgrundlagen. Zusätzliche Anforderungen in Ländern, in denen das Produkt in Verkehr gebracht werden soll, müssen zusätzlich betrachtet werden. Die Herstellung des zertifizierten Produktes wird überwacht.
This certificate is based on our Testing and Certification Regulation and states the conformity of the product with the standards and testing requirements as indicated above. Any additional requirements in countries where the product is going to be marketed have to be considered additionally. The manufacturing of the certified product 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



Dipl.-Ing. J. Hoehne

Changzhou Fengguo Jin'e Cable Co.,
Ltd.
Zhang Xinwei

Date : 12.07.2018
Our ref. : Renviv 01
Your ref.: Z.X.W.

Henshan Bridge Town, Wujin District,
Changzhou Furong Industrial Park
Changzhou, Jiangsu
P. R. China

Ref : R TÜV-Mark Approval

Type of Equipment : Cables for Photovoltaic Systems
Model Designation : See Certificate
Certificate No. : R 50412869 0001
Report No. : 50163017 001

Dear Zhang Xinwei,

The above specified equipment has been tested and found to be in accordance with the relevant requirements.

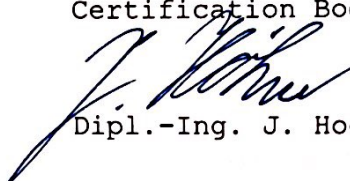
Please find enclosed your certificate as specified above.

If cancellation of the certificate is submitted by 15 November in a given year, no fee will be charged for the following year.

The certificate is issued with the reservation that the license holder applies all information required in § 6 of the ProdSG related to name and address of the manufacturer or his authorized representative / importer, including their respective contact addresses on the product prior to marketing of the product in the European Economic Area.

With kind regards,

Certification Body


Dipl.-Ing. J. Hoehne

cc: Changzhou Fengguo Jin'e Cable

Enclosure

证书的详细资料请登录www.tuvdotcom.com 查阅, 或拨打我司客服热线 800 999 3668/400 883 1300 咨询

Produktsicherheit und -qualität Product Safety and Quality		
Certificate No. R 5042869 0001	Our Reference 50163017 001	Appendix No. 1.0
Constructional Data Form (CDF) for Cables for Photovoltaic-Systems		Page 1 of 1

Licence Holder:	Changzhou Fengguo Jin'e Cable Co., Ltd. Henshan Bridge Town, Wujin District, Changzhou Furong Industrial Park, Changzhou, Jiangsu, P.R. China
Factory:	Changzhou Fengguo Jin'e Cable Co., Ltd. Henshan Bridge Town, Wujin District, Changzhou Furong Industrial Park, Changzhou, Jiangsu, P.R. China
Type Designation:	H1Z2Z2-K 1X2.5...6mm ²
Mark of Origin:	Changzhou Fengguo Jin'e Cable Co., Ltd. or "FENGGUO"
Conductor Material:	Tinned copper wire (the purity of copper 99,97%) Class 5 of IEC 60228 Jiangsu Jiangrun Copper Co., Ltd.
Insulation Material:	Halogen free crosslinked polyolefin MG80027J (EN) -125 Colour: Black Suzhou Meiguan Plastics Material Co., Ltd.
Sheath Material:	Halogen free crosslinked polyolefin MG80027H (EN) -125 Colour: Black Suzhou Meiguan Plastics Material Co., Ltd.

Information for the Cable Dimensions:

Nominal Cross Sectional Area of the Conductor (mm ²):	2.5	4	6
Number of Wires in Conductor:	48	56	84
Diameter of Wires in Conductor (mm) :	0.25	0.30	0.30
Mean Thickness of Insulation (mm):	0.7	0.7	0.7
Mean Thickness of Sheath (mm):	0.8	0.8	0.8
Max. Mean Overall Diameter (mm):	5.9	6.6	7.4

TÜV Rheinland Group



27.6.2018
Date

Zhang Xinyi
Name



Certificate of constancy of performance

according to Regulation (EU) No. 305/2011



Certificate No.: 1008-CPR-MC 69262509 0001

Report No.: 28252986 001

Applicant: NINGBO KIBOR WIRE & CABLE CO., LTD.
No.1001, Shengshan Road, Shengshan Town Cixi, Zhejiang P.R.
China

Manufacturer: NINGBO KIBOR WIRE & CABLE CO., LTD.
No.1001, Shengshan Road, Shengshan Town Cixi, Zhejiang P.R.
China

Manufacturing plant: NINGBO KIBOR WIRE & CABLE CO., LTD.
No.1001, Shengshan Road, Shengshan Town Cixi, Zhejiang P.R.
China

Product: PV cable

Identification: PV1-F H1Z2Z2-K 62930 IEC 131 1×1,5...10mm²

Intended use: Cables for Photovoltaic Systems

FPC Report No.: 28253034 001

System of assessment and verification: 1+

Tested according to: EN 50575:2014+A1:2016

This certificate attests that all provisions concerning the assessment and verification of constancy of performance and the performance described in Annex ZA of the above standard(s) under above system are applied and the product fulfils all the prescribed requirements set out above.

This certificate was first issued on 2020-05-25 and it will remain valid until the test methods and/or factory production control requirements included in the standard, used to assess the performance of the declared characteristics, and the product, and the manufacturing conditions in the plant are unchanged. The manufacturing plant and factory production control system of the manufacturer is supervised regularly by the Certification Body.

Certification Body

Date of issue:

Budapest, 2020-05-25

Ferencne Schmidt

TÜV Rheinland InterCert Kft., Product Certification Body — H-1132 Budapest, Váci út 48/A-B, Hungary — www.tuv.com
Notified Body No. 1008

Validity of certificate can be checked on www.CERTIPEDIA.com

Azonosító / Identification	Védjegy / Trade Mark	Tűzvédelmi Osztály / Reaction to Fire classification
PV1-F H1Z2Z2-K 62930 IEC 131 1×1,5 mm ²	Kibor Cable	B2 _{ca} -s1a,d0,a1
PV1-F H1Z2Z2-K 62930 IEC 131 1×2,5 mm ²	Kibor Cable	B2 _{ca} -s1a,d0,a1
PV1-F H1Z2Z2-K 62930 IEC 131 1×4 mm ²	Kibor Cable	B2 _{ca} -s1a,d0,a1
PV1-F H1Z2Z2-K 62930 IEC 131 1×6 mm ²	Kibor Cable	B2 _{ca} -s1a,d0,a1
PV1-F H1Z2Z2-K 62930 IEC 131 1×10 mm ²	Kibor Cable	B2 _{ca} -s1a,d0,a1


TÜVRheinland[®]**Certification Body****Date of issue:**

Budapest, 2020-05-25

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Ferencne Schmidt