

Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
R 50477532

Blatt *Sheet*
0001

Ihr Zeichen <i>Client Reference</i>	Unser Zeichen <i>Our Reference</i>	Ausstellungsdatum	<i>Date of Issue</i>
W.D.S.	01-WSW-60407191 001	14.08.2020	(day/mo/yr)

Genehmigungsinhaber *License Holder*
SUNKEAN CABLE CO., LTD.
17-9 South Changjiang Road,
Xinwu District, Wuxi
Jiangsu
P.R. China

Fertigungsstätte *Manufacturing Plant*
SUNKEAN CABLE CO., LTD.
17-9 South Changjiang Road,
Xinwu District, Wuxi
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 (Electric Cables for Photovoltaic Systems)

Type Designation	: H1Z2Z2-K 1X1,5...35mm ² SUNKEAN CABLE CO., LTD.	5
Rated Voltage	: DC 1,5kV AC 1,0/1,0kV	
Ambient Temperature	: -40°C to +90°C	
Max. Temperature at Conductor	: 120°C	

5

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

Zertifizierungsstelle



Kenny Shi

SUNKEAN CABLE CO., LTD.
Wang Dongsheng

Date : 14.08.2020
Our ref. : WSW 01
Your ref.: W.D.S.

17-9 South Changjiang Road,
Xinwu District, Wuxi
Jiangsu
P.R. China

Ref : R TÜV-Mark Approval

Type of Equipment : Electric Cables for Photovoltaic Systems
Model Designation : See Certificate
Certificate No. : R 50477532 0001
Report No. : 60407191 001

Dear Wang Dongsheng,

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


Kenny Shi

cc: SUNKEAN CABLE CO., LTD.

Enclosure

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

Certificate No. R50477532 0001 Our Reference 01-WSW-60407191 001 Appendix No. 1.0

Constructional Data Form (CDF) for Cables for Photovoltaic systems

Page 1 of 2

License Holder: SUNKEAN CABLE CO.,LTD.
17-9 South Changjiang Road, Xinwu District
Wuxi City, Jiangsu 214192 P.R. China

Factory:(full address) SUNKEAN CABLE CO.,LTD.
17-9 South Changjiang Road, Xinwu District
Wuxi City, Jiangsu 214192 P.R. China

Kind of Cable: Cables for Photovoltaic systems

Type Designation: H1Z2Z2-K1X1.5...35mm²

Mark of Origin: SUNKEAN CABLE CO.,LTD.

Material of Conductor:	Tinned Copper wire (the purity of copper 99,95 %). Class 5 of EN 60228 Changzhou Tongtai High Conductivity New Materials Co., Ltd.
Material of Covering:	Halogen free crosslinked polyolefin ZL1214-JD-2 Colour: black Hebei Zhonglian Yinshan New Material Co.,Ltd.
Material of Sheath:	Halogen free crosslinked polyolefin ZL1214-JD-2 Colour: black or red Hebei Zhonglian Yinshan New Material Co.,Ltd.
Other technical Information:	-

Information for the cable dimensions:

Nominal Cross Sectional Area of the Conductor(mm ²):	1.5		2.5		4			6	
	30	49	56	52	56	84	84	78	
Number of Wires in Conductor:	30	49	56	52	56	84	84	78	
Diameter of Wires in Conductor(mm):	0,250± 0,008	0,250± 0,008	0,300± 0,010	0,300± 0,008	0,285± 0,008	0,300± 0,010	0,285± 0,008	0,300± 0,010	
Mean Wall Thickness of Insulation(mm):	0,70	0,70	0,70	0,7	0,70	0,70	0,70	0,70	
Mean Wall Thickness of Sheath(mm):	0,80	0,80	0,80	0,80	0,80	0,80	0,80	0,80	
Mean Overall Diameter(mm):	5,4	5,9	6,6	6,6	6,6	7,4	7,4	7,4	

Continued on page 2

10.08.2020 Kairy Wei Kairy Wei
Date Name Signature

Continuation from page 1

Nominal Cross Sectional Area of the Conductor(mm ²):	10	16	25	35
Number of Wires in Conductor:	77	126	196	276
Diameter of Wires in Conductor(mm):	0,400± 0,010	0,400± 0,010	0,400± 0,010	0,400± 0,010
Mean Wall Thickness of Insulation(mm):	0,70	0,70	0,90	0,90
Mean Wall Thickness of Sheath(mm):	0,80	0,90	1,00	1,10
Mean Overall Diameter(mm):	8,8	10,1	12,5	14,0

10.08.2020

Kairy Wei

Date

Name

Signature

