

Certificate



Certificate no.

T 50477531 01

License Holder:

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

Manufacturing Plant:

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

Test report no.: WSW 60407190 001

Client Reference: W.D.S.

Tested to: 2 PFG 1169/08.07

Certified Product: Cables for Photovoltaic-Systems

License Fee - Units

Type Designation : PV1-F 1X1,5...35mm²
PV1-F 2X1,5...35mm²

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Rated Voltage : DC 1,0kV
AC U₀/U 0,6/1kV

Ambient Temperature: -40°C to +90°C

Max. Temperature
at Conductor : 120°C

Mark of Origin : SUNKEAN CABLE CO., LTD.

Remark: This certificate is not valid for EU since 27.10.17.

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ANLAGE (Appendix): 1.0

Licensed Test mark:



TÜV Rheinland (China) Ltd.
Signature

Kenny Shi



Date of Issue
(day/mo/yr)
26/08/2020

TÜV Rheinland (China) Ltd
No. 01/03B-08, Floor 7 and No. 01/04B-08, Floor 11, AVIC Building, No.10B, Central Road, East 3rd Ring Road,
Chaoyang District, Beijing, P.R. China
Tel : +86 10 6566 6660 Fax : +86 10 6566 6667 E-mail: info@bj.chn.tuv.com http://www.tuv.com

SUNKEAN CABLE CO., LTD.
Wang Dongsheng

Date : 31.08.2020
Our ref. : WSW 01
Your ref.: W.D.S.

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

Ref : T License

Type of Equipment : Cables for Photovoltaic-Systems
Model Designation : See Certificate
Certificate No. : T 50477531 0001
Report No. : 60407190 001

Dear Wang Dongsheng,

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

Enclosed you will find the certificate of approval.

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

We appreciate your kind support and would like to offer our assistance and continuous services in the future.

Please contact our office for approval of your new products.

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. T50477531 0001 Our Reference 01-WSW-60407190 001 Appendix No. 1.0

Constructional Data Form (CDF) for Cables for Photovoltaic systems

License Holder: SUNKEAN CABLE CO.,LTD.
17-9 South Changjiang Road, Xinwu District
Wuxi City, Jiangsu214192 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 forPhotovoltaic systems

Type Designation: PV1-F1X1.5...35mm²
PV1-F2X1.5...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 or red 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	
	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):	0,50	0,50	0,50	0,50	0,50	0,50	0,50	0,50	
Mean Wall Thickness of Sheath(mm):	0,50	0,50	0,50	0,50	0,50	0,50	0,50	0,50	

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24.08.2020

Date

Kairy Wei

Name

Kairy Wei

Signature

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Constructional Data Form (CDF) for Cables for Photovoltaic systems

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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):	0,50	0,55	0.60	0,65
Mean Wall Thickness of Sheath(mm):	0,50	0,70	0.90	0,95

24.08.2020 Kairy Wei

Date

Name

Kairy Wei

Signature