

C E R T I F I C A T E



of Conformity Low Voltage Directive 2014/35/EU

Registration No.: AN 50573830 0001

Report No.: CN22YOKD 001

Holder: SUNTREE Electric Group Co., Ltd.
Xinguang Industrial Zone,
Liushi Town, Yueqing City
Zhejiang
P.R. China

Product: Combiner Box
(PV String Combiner Box)

Identification: Type Designation: SHLX-PVGx
(x=8,10,12,16,18,20,22,24,26,28,30,32)
Serial No. : Engineering samples
Remark : Issued in conjunction with TÜV Rheinland
license R 50573829 0001.

This certificate of conformity is based on an evaluation of a sample of the above mentioned product. Technical Report and documentation are at the Licence Holder's disposal. This is to certify that the tested sample is in conformity with Annex I of Council Directive 2014/35/EU, referred to as the Low Voltage Directive. This certificate does not imply assessment of the series-production of the product and does not permit the use of a TÜV Rheinland mark of conformity. The holder of the certificate is authorized to use this certificate in connection with the EC declaration of conformity according to Annex IV of the Directive.

Certification Body

Date 08.02.2023

A circular blue stamp from TÜV Rheinland LGA Products GmbH, with a signature in blue ink over it. The signature is "Wencai Zhang".
Wencai Zhang

TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

CE The CE marking may be used if all relevant and effective EC Directives are complied with. **CE**

Zertifikat

Certificate



Zertifikat Nr. Certificate No.
R 50573829

Blatt Sheet
0001

Ihr Zeichen Client Reference
T.L.

Unser Zeichen Our Reference
01-WTH-CN22YOKD 001

Ausstellungsdatum Date of Issue
08.02.2023 (day/mo/yr)

Genehmigungsinhaber License Holder

SUNTREE Electric Group Co., Ltd.
Xinguang Industrial Zone,
Liushi Town, Yueqing City
Zhejiang
P.R. China

Fertigungsstätte Manufacturing Plant

SUNTREE Electric Group Co., Ltd.
Xinguang Industrial Zone,
Liushi Town, Yueqing City
Zhejiang
P.R. China

Prüfzeichen Test Mark



Geprüft nach Tested acc. to

EN IEC 61439-1:2021
EN IEC 61439-2:2021

Zertifiziertes Produkt (Geräteidentifikation)
Certified Product (Product Identification)

Lizenzentgelte - Einheit
License Fee - Unit

Combiner Box (PV String Combiner Box)

Type Designation : SHLX-PVGx (x=8,10,12,16,18, 20,22,24,26,28,30,32)
Max.input Voltage [Vd.c.] : 1500
Rated Input Current [A] : 120/150/180/240/270/300/330 /360/390/420/450/480
Max.Number of PV Strings : 8/10/12/16/18/20/22/24/26/ 28/30/32
Rated Output Current [A] : Same as InA
Overvoltage Category (OVC) : III
Rated Impulse Withstand Voltage: 12kV
Protective Class : Class II
Operating Temperature [°C] : -25 to +50
Ingress Protection (IP) : IP65
Mechanical Impact Protection : IK07
Pollution Degree (PD) : PD3
Altitude [m] : 5000

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The installation has to be carried out according to the attached installation instruction.
Any additional requirements in countries where the product is going to be marketed have to be considered additionally.

ANLAGE (Appendix): 1

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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

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

Zertifizierungsstelle



Wencai Zhang