

Leader Technology (Shenzhen)  
Co., Limited.

Date : 23.01.2019

Our ref. : LXL 01

Your ref.: H.J.H.

-  
Unit 04,7/F,Bright  
Way Tower,No.33 Mong  
Kok Rd.Kl

**Ref : R TÜV-Mark Approval**

Type of Equipment : Connector for Photovoltaic System  
Model Designation : See Certificate  
Certificate No. : R 50436998 0002  
Report No. : 15104078 002

Dear Mr. Huang Jiehua,

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. (FH) Bernd Scheirer

Enclosure

# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
R 50436998

Blatt *Sheet*  
0002

Ihr Zeichen *Client Reference*  
H.J.H.

Unser Zeichen *Our Reference*  
01-LXL-15104078 002

Ausstellungsdatum *Date of Issue*  
23.01.2019 (day/mo/yr)

**Genehmigungsinhaber *License Holder***

Leader Technology (Shenzhen)  
Co., Limited  
Unit 04, 7/F, Bright  
Way Tower, No.33 Mong  
Kok Rd. Kl

**Fertigungsstätte *Manufacturing Plant***

Leader Technology (Shenzhen)  
Co., Limited  
Unit 04, 7/F, Bright  
Way Tower, No.33 Mong  
Kok Rd. Kl

**Prüfzeichen *Test Mark***



**Geprüft nach *Tested acc. to***

IEC 62852:2014  
EN 62852:2015

**Zertifiziertes Produkt (Geräteidentifikation)**

*Certified Product (Product Identification)*

**Lizenzentgelte - Einheit**

*License Fee - Unit*

Steckverbinder (Connector for Photovoltaic System)

as page 0001

Change

Name of License Holder : see above

Address of License Holder : see above

Name of Manufacturing Plant : see above

Address of Manufacturing Plant : see above

ANLAGE (Appendix): 1.1

*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



Dipl.-Ing. (FH) Bernd Scheiner

<b>Produktsicherheit und –qualität</b> <i>Product Safety and Quality</i>		 <b>TÜVRheinland®</b> Precisely Right.
<b>Certificate No.</b> R 50436998 0002	<b>Our Reference</b> 01-LXL-15104078 002	<b>Appendix No.</b> 1.1
<b>Constructional Data Form (CDF)</b>		page 1 of 2

License Holder ..... : Leader Technology (Shenzhen) Co.,Limited  
 (full address) Unit 04,7/F,Bright Way Tower,No.33 Mong Kok Rd.KI  
 Production Factory..... : Leader Technology (Shenzhen) Co.,Limited  
 (full address) Unit 04,7/F,Bright Way Tower,No.33 Mong Kok Rd.KI  
 Type of Appliance ..... : Connector for Photovoltaic System  
 Trademark..... : LEADER  
 Type Name or Model No..... : PV-BN101B  
 Rated Voltage ..... : 1500VDC  
 Rated impulse voltage ..... : 16KV  
 Rated insulation voltage ..... : 8KV  
 Rated Current ..... : 30A  
 Standard..... : IEC 62852: 2014; EN 62852:2015  
 Application Class ..... : Class A / B / C  
 Protection Class..... : Class II  
 Existence of an enclosure ..... : Enclosed connector  
 Design of the connector..... : Free connector  
 Pollution degree ..... : 1 / 2 / 3 / 4  
 Over voltage category..... : I / II / III / IV  
 Operating cycles ..... : 50 / 100 / 500 / 1000 / 2000 / 5000  
 Bendings ..... : 100 / 500 / 1000 / 2000 / 5000 / 20000  
 Lower ambient temperature..... : -40 °C  
 Upper ambient temperature..... : +85 °C  
 Upper limit Temperature ..... : 100 °C  
 Type of conductor ..... : Flexible  
 Termination and connection..... : Crimped connection  
 Values for cable clamp ..... : 6,1 ± 0,15mm  
 Number of poles ..... : 1  
 Wire cross section area or  
 cross section range..... : 1 x 4,0mm<sup>2</sup>  
 Degree of protection ..... : IP68

**TÜV Rheinland Group**

16.01.2019

Bright Liu



**Date**

**Name**

**Signature**