TÜVRheinland®

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

Date : 23.01.2019
Our ref. : LXL 01
Your ref.: H.J.H.

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

☐ TÜV Rheinland Thailand Ltd.
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Zertifikat *Certificate*

TÜVRheinland®

Zertifikat Nr. *Certificate No.*	Blatt *Sheet*
R 50436998	0002

Ihr Zeichen *Client Reference*	Unser Zeichen *Our Reference*	Ausstellungsdatum	*Date of Issue*
H.J.H.	01-LXL-15104078 002	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*

TÜVRheinland® ZERTIFIZIERT
Bauart geprüft
Sicherheit
Regelmäßige Produktions-überwachung
www.tuv.com ID 1419045557

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.

Zertifizierungsstelle

TÜV Rheinland LGA Products GmbH TÜV Rheinland®

Dipl.-Ing. (FH) Bernd Scheirer

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Fax: +49 221 806-3935 http://www.tuv.com/safety

10/020 d 04.08 ® TÜV, TUEV and TUV are registered trademarks. Utilisation and application requires prior approval.

Produktsicherheit und –qualität *Product Safety and Quality*		TÜVRheinland® Precisely Right.

Certificate No. R 50436998 0002 **Our Reference** 01-LXL-15104078 002 **Appendix No.** 1.1

Constructional Data Form (CDF)

License Holder (full address) :	Leader Technology (Shenzhen) Co.,Limited Unit 04,7/F,Bright Way Tower,No.33 Mong Kok Rd.KI
Production Factory (full address) :	Leader Technology (Shenzhen) Co.,Limited 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 :	40A
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 :	1x2.5mm^2,1x4.0mm^2,1x6.0mm^2
Degree of protection :	IP68

TÜV Rheinland Group

16.01.2019	Bright Liu	Bright Liu
Date	**Name**	**Signature**