

Shenzhen Tuopu Energy Co., Ltd.
Mr. Che TingHua

Date : 30.03.2023
Our ref. : HUELL 01
Your ref.: C.T.

No.86, Qianjin 1st Road,
Shenzhen
518000 Guangdong
P.R. China

Ref : PV Photovoltaic Modules

Type of Equipment : PV Module
Model Designation : See Certificate
Certificate No. : PV 50501496 0004
Report No. : CN21DYJ2 003

Dear Mr. Che TingHua,

Thank you very much for your interest in our services.


Please find enclosed your certification documents.

We appreciate your support and would like to offer our assistance in the approval of your future products through our extensive range of technical services.

Please feel free to contact us whatever your requirements may be.

With kind regards,

Certification Body


Dipl.-Ing. (FH) Tim Kirschner

cc: Shenzhen Tuopu Energy Co., Ltd.

Enclosure

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

Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
PV 50501496

Blatt *Sheet*
0004

Ihr Zeichen *Client Reference*
C.T.

Unser Zeichen *Our Reference*
01-HUELL-CN21DYJ2 003

Ausstellungsdatum *Date of Issue*
30.03.2023 (day/mo/yr)

Genehmigungsinhaber *License Holder*
Shenzhen Tuopu Energy Co., Ltd.
No.86, Qianjin 1st Road,
Shenzhen
518000 Guangdong
P.R. China

Fertigungsstätte *Manufacturing Plant*
Refer to latest revision
of the annex list of factories

Prüfzeichen *Test Mark*



Geprüft nach *Tested acc. to*

IEC 61215-1:2016
IEC 61215-1-1:2016
IEC 61215-2:2016
IEC 61730-1:2016
IEC 61730-2:2016
EN 61215-1:2016
EN 61215-1-1:2016
EN 61215-2:2017
EN IEC 61730-1:2018
EN IEC 61730-2:2018

**Zertifiziertes Produkt (Geräteidentifikation)
*Certified Product (Product Identification)***

**Lizenzentgelte - Einheit
*License Fee - Unit***

PV Module

Same as Page 1-3

In addition:

Type Designation:

Max. System Voltage: Up to 1500 VDC (Voc at STC):

With ½ cut of mono c-Si cells:

TP132-9-xxxBN (xxx=665-695, in steps of 5, 132 cells)

TP120-9-xxxBN (xxx=605-630, in steps of 5, 120 cells)

TP110-9-xxxBN (xxx=555-575, in steps of 5, 110 cells)

TP80-9-xxxBN (xxx=405-420, in steps of 5, 80 cells)

TP108-xxxM/MB-8 (xxx=395-415, in steps of 5, 108 cells)

Remarks:

- Manufacturing plant update: see annex.

*Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.
This certificate is based on our Testing and Certification Regulation. The product
fulfills above mentioned requirements, the production 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



**Anlage Fertigungsstättenliste
/ Attachment List of Factories**



PV 50501496 0001

Anlagenrevision / Annex revision

1

1 Zhejiang Twinsel Electronic
Technology Co., Ltd.
Tashan Industry Zone,
Meilin Street, Ninghai County,
Ningbo City
315609 Zhejiang
P.R. China

Dieser Anhang ersetzt den Vorgänger vom/
This annex replaces the previous annex dated

Datum / Date 30.04.2021

Zertifizierungsstelle
/ Certification Body



Dipl.-Ing. (FH) Tim Kirschner