

**Zertifikat**

**Certificate**



**Zertifikat Nr. Certificate No.**  
R 50509165

**Blatt Sheet**  
0003

**Ihr Zeichen Client Reference**  
W.P.C.

**Unser Zeichen Our Reference**  
01-ZQI-CN21V8PU 002

**Ausstellungsdatum Date of Issue**  
31.03.2022  
(day/mo/yr)

**Genehmigungsinhaber License Holder**

Taizhou Chuangda Electronic Co., Ltd  
No.818, Longfeng Road,  
Taizhou New energy industrial park,  
Taizhou  
225400 Jiangsu  
P.R. China

**Fertigungsstätte Manufacturing Plant**

Taizhou Chuangda Electronic Co., Ltd.  
No.818, Longfeng Road,  
Taizhou New energy industrial park,  
Taizhou  
225400 Jiangsu  
P.R. China

**Prüfzeichen Test Mark**



Bauart geprüft  
Sicherheit  
Regelmäßige  
Produktions-  
überwachung

www.tuv.com  
ID 1111241519

**Geprüft nach Tested acc. to**

IEC 62790:2020  
EN IEC 62790:2020

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

**Lizenzentgelte - Einheit  
License Fee - Unit**

PV Komponente (elektrisch) für BOS (PV Components for BOS - electrical)

Type Designation : OSTA-03 ; OSTA-03B ; OSTA-03C 5  
(Taizhou Chuangda (LOGO)) ; (TZCD)  
Rated Voltage : 1500VDC  
Rated Current : 25A for OSTA-03 ; 30A for OSTA-03B ;  
35A for OSTA-03C  
Reverse Current : 43A  
Application Class : Class A  
Protection Class : Class II  
Protection Degree : IP65/IP68 (1m,1h)  
Ambient Temperature : -40°C to +85°C

Remark: The labelling requirements according to EU Directive 2001/95 have to be observed for distribution within the EEA.

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ANLAGE (Appendix) : 1.0

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



**Dipl.-Ing. (FH) Bernd Scheiner**



Product Service

ZERTIFIKAT ◆ CERTIFICATE ◆ 認證書 ◆ CERTIFICADO ◆ CERTIFICAT

# CERTIFICATE

No. B 090427 0004 Rev. 05

**Holder of Certificate:** **Taizhou Chuangda Electronic Co., Ltd**  
 New energy industrial park incubator center  
 225312 Taizhou  
 PEOPLE'S REPUBLIC OF CHINA

**Certification Mark:**



<b>Product:</b>	<b>Installation box</b>														
	<b>Junction Box for PV Module</b>														
<b>Model(s):</b>	<b>JSD03, JSD03-H, JB04, PV02, PV-JB03, PV-JB03(x), PV-03</b> <b>PV-03(x), OSTA-03, OSTA-03A, OSTA-03B, PV-JB08-A</b>														
<b>Parameters:</b>	<table border="0"> <tr> <td>Rated Voltage:</td> <td>Up to 1500VDC</td> </tr> <tr> <td>Rated Current:</td> <td>15A for JSD03, JB04, PV-JB08-A; 25A for JSD03-H 18A for PV02 20A for PV-JB03, PV-JB03(x) 25A for PV-03, PV-03(x) 25A for OSTA-03 20A for OSTA-03A; 30A for OSTA-03B; 25A for JB04, PV02, PV-JB03 PV-JB03(x), PV-03, PV-03(x) OSTA-03, OSTA-03A, OSTA-03B PV-JB08-A 42.5 for JSD03, JSD03-H</td> </tr> <tr> <td>Reverse Current:</td> <td></td> </tr> <tr> <td>Application Class</td> <td>A</td> </tr> <tr> <td>Protection Class:</td> <td>II</td> </tr> <tr> <td>Degree of Protection:</td> <td>IP65/IP68(1m,1h)</td> </tr> <tr> <td>Ambient Temperature:</td> <td>-40°C ~ +85°C</td> </tr> </table>	Rated Voltage:	Up to 1500VDC	Rated Current:	15A for JSD03, JB04, PV-JB08-A; 25A for JSD03-H 18A for PV02 20A for PV-JB03, PV-JB03(x) 25A for PV-03, PV-03(x) 25A for OSTA-03 20A for OSTA-03A; 30A for OSTA-03B; 25A for JB04, PV02, PV-JB03 PV-JB03(x), PV-03, PV-03(x) OSTA-03, OSTA-03A, OSTA-03B PV-JB08-A 42.5 for JSD03, JSD03-H	Reverse Current:		Application Class	A	Protection Class:	II	Degree of Protection:	IP65/IP68(1m,1h)	Ambient Temperature:	-40°C ~ +85°C
Rated Voltage:	Up to 1500VDC														
Rated Current:	15A for JSD03, JB04, PV-JB08-A; 25A for JSD03-H 18A for PV02 20A for PV-JB03, PV-JB03(x) 25A for PV-03, PV-03(x) 25A for OSTA-03 20A for OSTA-03A; 30A for OSTA-03B; 25A for JB04, PV02, PV-JB03 PV-JB03(x), PV-03, PV-03(x) OSTA-03, OSTA-03A, OSTA-03B PV-JB08-A 42.5 for JSD03, JSD03-H														
Reverse Current:															
Application Class	A														
Protection Class:	II														
Degree of Protection:	IP65/IP68(1m,1h)														
Ambient Temperature:	-40°C ~ +85°C														
<b>Tested according to:</b>	IEC 62790(ed.1) EN 62790:2015														

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition, the certification holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the testing and certification regulations of TÜV SÜD Group have to be complied. For details see: [www.tuvsud.com/ps-cert](http://www.tuvsud.com/ps-cert)

**Test report no.:** 704071914601-05  
**Valid until:** 2026-03-10

**Date,** 2021-03-11

( Yaqun Alex Liu )



Product Service

# CERTIFICATE

No. B 090427 0005 Rev.

**Holder of Certificate:** Taizhou Chuangda Electronic Co., Ltd

New energy industrial park incubator center  
225312 Taizhou  
PEOPLE'S REPUBLIC OF CHINA

**Certification Mark:**



**Product:**

**Connector  
Connectors for Photovoltaic Systems**

**Model(s):**

**PV-TT02, CD2**

**Parameters:**

Rated Voltage:	Up to 1500VDC
Rated Current:	43A for PV-TT02, 41A or 48A for CD2
Application Class:	A
Protection Class:	II
Degree of Protection:	IP65/IP68 (1m,1h)
Ambient Temperature:	- 40 °C ~ + 85 °C

**Tested according to:**

IEC 62852:2014  
IEC 62852:2014/AMD1:2020  
EN 62852:2015/A1:2020

The product was tested on a voluntary basis and complies with the essential requirements.  
The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition, the certification holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier.  
All applicable requirements of the testing and certification regulations of TÜV SÜD Group have to be complied. For details see: [www.tuvsud.com/ps-cert](http://www.tuvsud.com/ps-cert)

**Test report no.:** 704072002402-01

**Valid until:** 2026-11-03

**Date,** 2021-11-03

( Yaqun Alex Liu )

**Zertifikat**

**Certificate**



Zertifikat Nr. *Certificate No.* R 50567571  
 Blatt *Sheet* 0001

Ihr Zeichen <i>Client Reference</i>	Unser Zeichen <i>Our Reference</i>	Ausstellungsdatum <i>Date of Issue</i>
W.P.C.	01-ZQI-CN21V8PU 002	01.02.2023 <i>(day/mo/yr)</i>

Genehmigungsinhaber <i>License Holder</i>	Fertigungsstätte <i>Manufacturing Plant</i>
Taizhou Chuangda Electronic Co., Ltd. No.818, Longfeng Road, Taizhou New energy industrial park, Taizhou, Jiangsu Province 225400 P.R. China	Taizhou Chuangda Electronic Co., Ltd. No.818, Longfeng Road, Taizhou New energy industrial park, Taizhou, Jiangsu Province 225400 P.R. China

Prüfzeichen *Test Mark* Geprüft nach *Tested acc. to*  
 IEC 62790:2020  
 EN IEC 62790:2020



Zertifiziertes Produkt (Geräteidentifikation) <i>Certified Product (Product Identification)</i>	Lizenzentgelte - Einheit <i>License Fee - Unit</i>
Steckverbinder (Connector for Photovoltaic System)	

Type Designation	: CD2 (Taizhou Chuangda (LOGO))	5
Rated Voltage	: 1500VDC	
Rated Current	: 42A	
Ambient Temperature	: -40°C to +85°C	
Upper Limit Temperature	: 100°C	
Cross Section Range	: 1 x 4,0mm <sup>2</sup>	
Protection Degree	: IP65/IP68(1m,1h)	
Application Class	: Class A	

Remark: The labelling requirements acc. to EU Directive 2001/95 have to be observed for distribution within the EEA.

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ANLAGE (Appendix): 1.0

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.  
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**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 Scheierer

**Zertifikat**

**Certificate**



**Zertifikat Nr. Certificate No.**  
R 50550726

**Blatt Sheet**  
0001

**Ihr Zeichen Client Reference**  
W.P.C.

**Unser Zeichen Our Reference**  
01-WJJ-15083539 024

**Ausstellungsdatum Date of Issue**  
04.08.2022 (day/mo/yr)

**Genehmigungsinhaber License Holder**  
Taizhou Chuangda Electronic Co., Ltd  
No.10 Building, Private  
Industrial Park, Diaopu Street,  
Gaogang District, Taizhou City,  
225400 Jiangsu  
P.R. China

**Fertigungsstätte Manufacturing Plant**  
040-0002187502

**Prüfzeichen Test Mark**



**Geprüft nach Tested acc. to**  
IEC 62930:2017

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

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

**Cable (Electric Cables for Photovoltaic Systems)**

Type Designation	: 2069467-IEC	5
Code Marking	: 62930 IEC 131 Taizhou Chuangda Electronic Co., Ltd.	
Additional Marking	: HALOGEN FREE LOW SMOKE	
Scope of Sizes	: 1X4, 0mm <sup>2</sup>	
Rated Voltage	: DC 1,5kV	
Max. Storage Temperature	: +45°C	
Min. Temperature for Installation and Handling:	: -25°C	
Max. Temperature at Conductor	: 120°C	

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