承认规格书

Technical Specifications

产品名称 Part Name PV Junction Box

产品编码 Code P/N PV-103x （x=A1 x=A2 x=A3）

承认书编号 Rev.: A0

核准 Approver	审核 Examiner	制作 Maker
Qingzhi Ba	Neng Wan	Weicong Yang

客户承认印

APPROVED BY CUSTOMER

1. 主要内容 Main specific:

- 光伏接线盒具有抗老化和抗紫外线能力，可以在户外使用。
- 密封性能优异，防水、防尘等级达到 IP68；
- 当使用不同类型的二极管固定时，最大工作电流会发生变化。
- 标准：IEC62790:2014
- With the capacity of age and UV-Resistance, the PV-Junction box can in the atrocious Weather.
- Excellent sealing performance, waterproof, dustproof rating to IP68 ;
- The maximal working current will be changed when the box is fixed with different types of diode.
- Standard:IEC62790:2014

2. 技术参数 Technical parameter

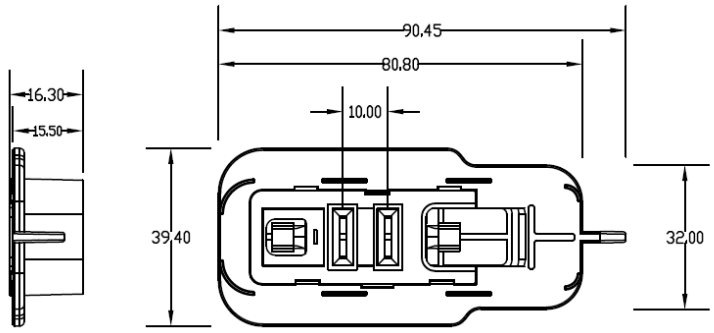
型号 Model：	PV-YX103x (TUV)
电气性能 Electrical Features	
额定电压 Rated Voltage	1500V DC
连接器接触电阻 Connector Contact Resistance	≦0.5mΩ
安全等级 Security Level	Class Ⅱ
机械性能 Mechanical Features	
温度范围 Temperature Range	-40℃ ～ +85℃
线缆规格 Wire Size Range	4mm^2
防护等级 Protection Degree	IP68 , 组装Closed
材料特性 Material Features	
绝缘材料 Insulation Material	PPE， 黑色 Black
导体材质 Contact Material	铜，镀镍 Copper, Nickel Plated
阻燃等级 Flame retardant grade	UL94-V0

产品系列 product family

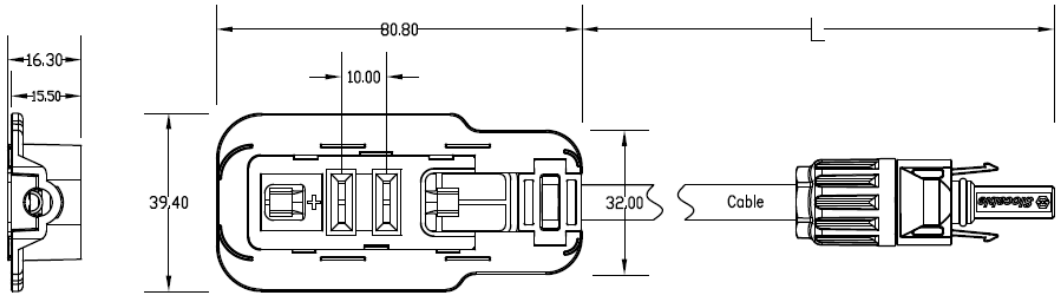
型号 Model	额定电流 Rated current	认证 Certificate
PV-YX103x	x= A1 20A x= A2 25A x= A3 30A	TUV

《产品图片 Product images》

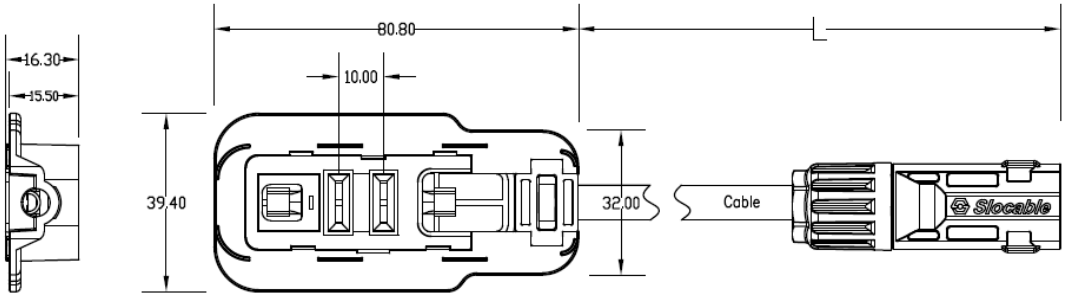
3. 尺寸结构图 Dimensional structure diagram: PV-YX103x-T



尺寸结构图 Dimensional structure diagram: PV-YX103x-M



尺寸结构图 Dimensional structure diagram: PV-YX103x-F



备注 Note:

1:尺寸±0.5mm;
Size ± 0.5mm

2:焊带孔间距:10mm;
Welding strip hole spacing: 10mm

3:线长 L1.L2 根据客户要求;
Line length L1.L2 according to customer requirements.

4.产品认证书 Product Certification Certificate

150 Anniversary

TÜVRheinland®
Precisely Right.

Dongguan Slocable Photovoltaic
Technology Co., Ltd
Wan Neng

Date : 21.07.2023
Our ref. : Wangander 01
Your ref.: W.N.

Building 2, No.9-2,
Wangsha Road,
Hongmei Town,
Dongguan City,
523159 Guangdong

Ref : R TÜV-Bauart-Zeichen o. Akkred. Nr.

Type of Equipment : PV Components for BOS - electrical
Model Designation : See Certificate
Certificate No. : R 50594505 0001
Report No. : CN22AST5 003

Dear Wan Neng,

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. In case you have a change regarding your involved local representative for the certificate, please inform us in due time.

With kind regards,

Certification Body

Dipl.-Ing. (FH) Bernd Scheirer

cc: Hubei Yingxing Photovoltaic

Enclosure

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Zertifikat *Certificate*

TÜVRheinland®

Zertifikat Nr. *Certificate No.*
R 50594505

Blatt *Sheet*
0001

Ihr Zeichen *Client Reference*	**Unser Zeichen** *Our Reference*	**Ausstellungsdatum** *Date of Issue*
W.N.	01-Wangander-CN22AST5 003	19.07.2023 *(day/mo/yr)*

Genehmigungsinhaber *License Holder*
Dongguan Slocable Photovoltaic
Technology Co., Ltd
Building 2, No.9-2,
Wangsha Road,
Hongmei Town,
523159 Dongguan City, Guangdong
P.R. China

Fertigungsstätte *Manufacturing Plant*
040-0002268620

Prüfzeichen *Test Mark*

TÜVRheinland® ZERTIFIZIERT
Bauart geprüft
Sicherheit
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www.tuv.com
ID 1111272053

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	: PV-103x (x=A1, A2, A3, B1 or B2) (Dongguan Slocable(LOGO))	10
Rated Voltage	: 1500VDC	
Rated Current	: 20A for (x=A1 or B1); 25A for (x=A2 or B2); 30A for (x=A3)	
Reverse Current	: 41A	
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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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 TÜVRheinland Zertifizierungsstelle

Dipl.-Ing. (FH) Bernd Scheirer

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