

产品规格书

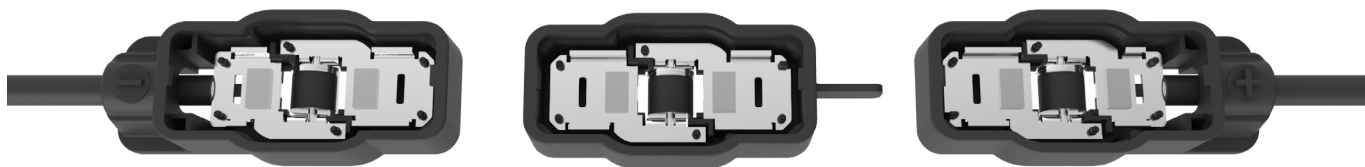
Product Specification



3Q-M 接线盒 Solar Junction Box 3Q-M

承认签章 (Confirmation)					
快可承认 (QC Solar confirmation)			客户承认 (Customer confirmation)		
批准 Approved by	审核 Audited by	设计 Designed by	采购 Purchased by	品保 Quality Assured by	技术 Technical verified by

1. 产品外观及设计性能参数 / Product appearance and technical parameters



技术参数 Product Specifications

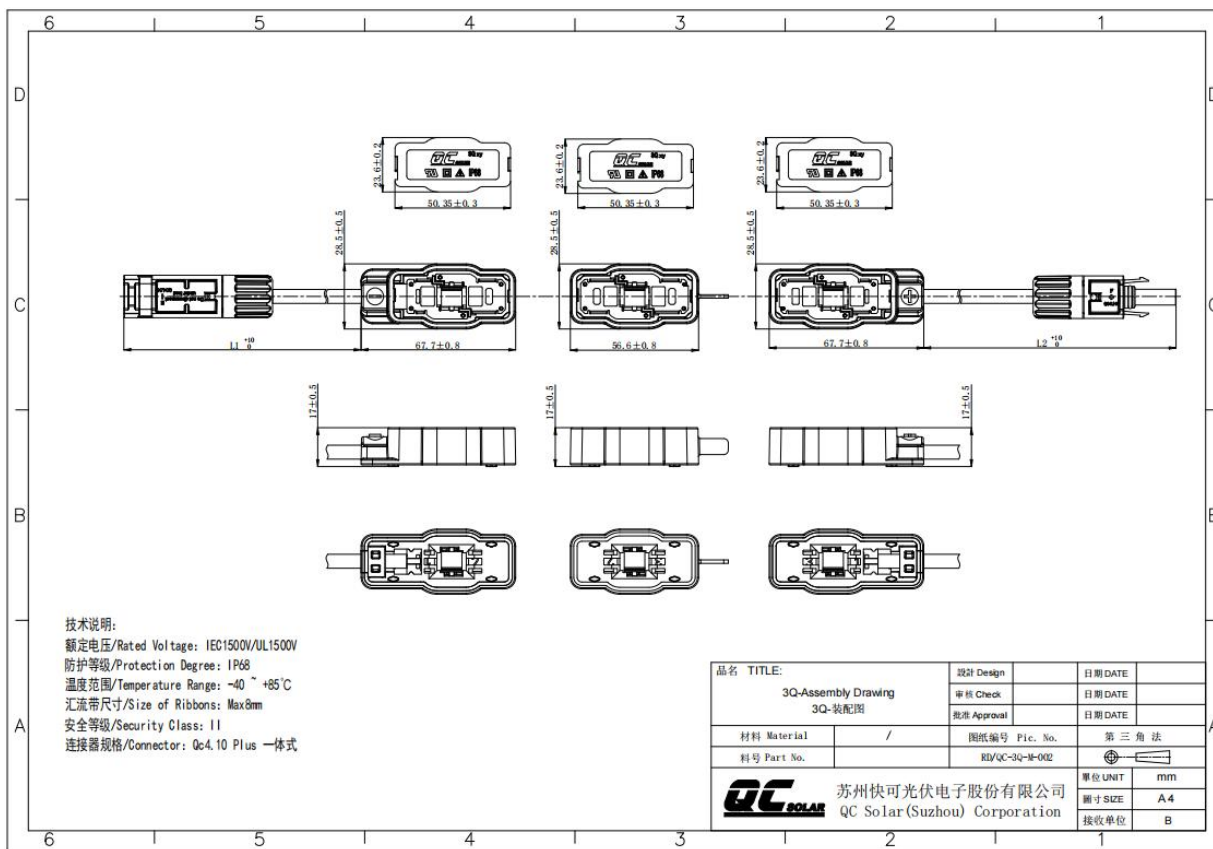
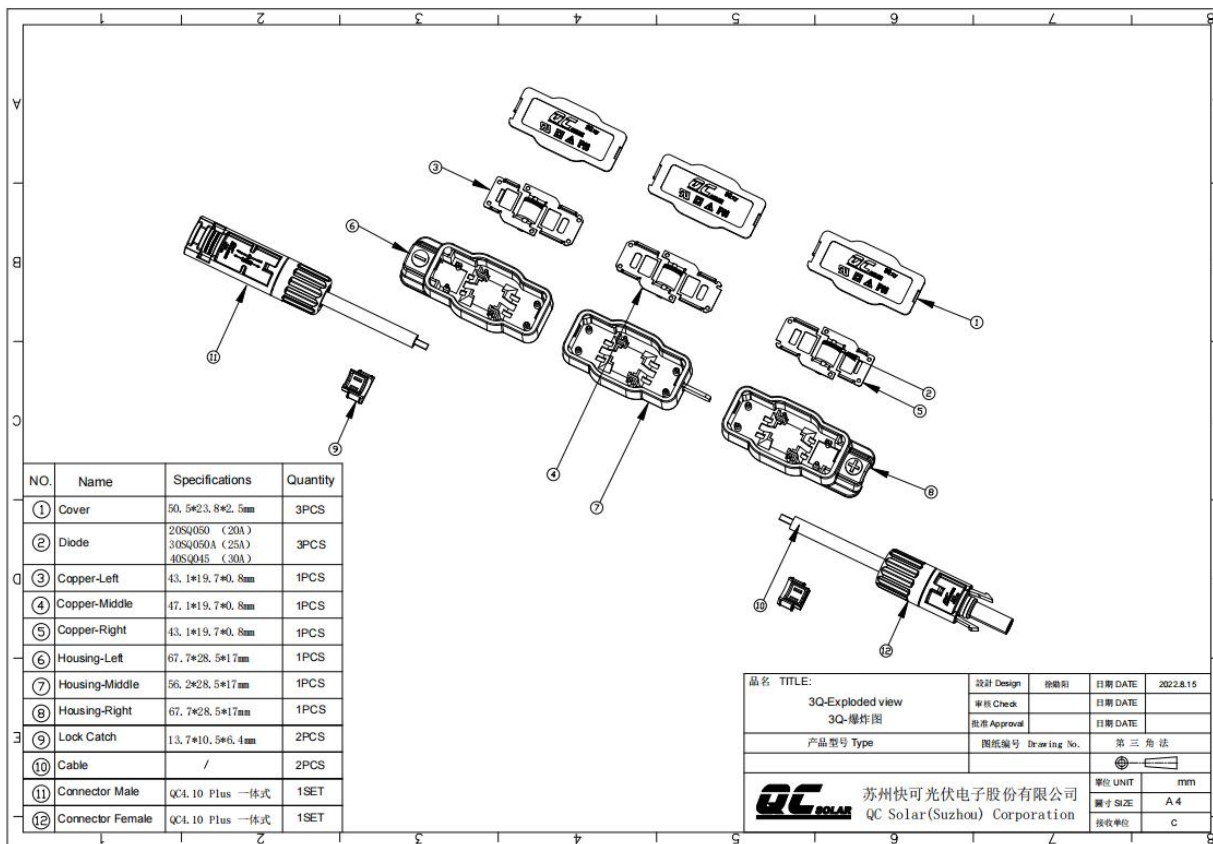
额定电压 Rated Voltage	IEC 1500V/UL1500V
额定电流 Rated Current	IEC 20A/25A/30A
灌胶量 Glue Volume	3*8mL(approx.)
应用等级 Application Class	Class A
温度范围 Temperature Range	-40°C ~ +85°C
防护等级 Protection Degree	IP68
汇流带尺寸 Size of Ribbons	Max.8mm
电缆尺寸 Size of Cables	4mm ² /12AWG
TUV 证书编号 TUV Certificate NO.	R50510013
南德证书编号 TUV Certificate NO.	NO.B 007362 0009 Rev.03
UL 证书编号 UL Certificate NO	E312223
防火等级 Flame Class	5VA

2. 接线盒BOM清单 / BOM list of junction box

苏州快可光伏电子股份有限公司					
产品名称 Product Name	接线盒 PV JUNCTION BOX	材料清单 Bill Of Materials		版本 Version	A/0
产品型号 Model	3Qxy (3Q-M- 加高款)			张数 Page	1
客户 Customer	/			日期 Issuing date	2022.04.13
序号 S/N	名称 Description	材质 Material	规格 Specification	数量 Quantity	备注 Notes
1	上盖 Cover	PP0	50.4*23.6*2.5mm	3 pcs	
2	底座 -L Housing-Left	PP0	67.7*28.5*17mm	1 pcs	
3	底座 -M Housing-Middle	PP0	56.2*28.5*17mm	1 pcs	
4	底座 -R Housing-Right	PP0	67.7*28.5*17mm	1 pcs	
5	卡扣 Lock Catch	PP0	13.7*10.5*6.4mm	2 pcs	
6	铜板 -L Copper	Copper	43.1*19.7*0.8mm	1 set	
7	铜板 -M Copper	Copper	47.1*19.7*0.8mm	1 set	
8	铜板 -R Copper	Copper	43.1*19.7*0.8mm	1 set	
9	二极管 Diode	/	20SQ050 (20A) 30SQ050A (25A) 40SQ045 (30A)	3 pcs	
10	线缆 Cable	XLPE/Copper	/	2 pcs	
11	正极连接器 Female connector	/	QC4.10 PLUS 一体式	1 set	
12	负极连接器 male connector	/	QC4.10 PLUS 一体式	1 set	
以上原料符合欧盟 ROHS 要求 All the materials above are subject to RoHS requirement.					
制表: Written By:		审核: Reviewed By:		批准: Approved By:	

3. 接线盒图档 / Drawing of junction box

3Qxy



4.接线盒证书 / Certificates of junction box

Zertifikat Certificate

Zertifikat No. / Certificate No. R 50510013 Blatt / Sheet 0001

Hersteller / Manufacturer: QC Solar (Suzhou) Corporation

Produktion / Production: 215123 Jiangsu P.R. China

Typ / Type: PV-Komponente (elektrisch) für BOB (PV Components for BOB)

Rated Voltage: 1500VDC for (x=1, 2, 3 or 4)

Rated Current: 23A for (x=4) or 31A for (x=1, 2, 3 or 4)

Reverse Current: I_{RC} Class A

Application Class: Class A

Continued on page 0002

ANLAGE (Appendix): 1.0

Zertifikat Certificate

Zertifikat No. / Certificate No. R 50510013 Blatt / Sheet 0002

Hersteller / Manufacturer: QC Solar (Suzhou) Corporation

Produktion / Production: 215123 Jiangsu P.R. China

Typ / Type: PV-Komponente (elektrisch) für BOB (PV Components for BOB)

Rated Voltage: 1500VDC for (x=1, 2, 3 or 4)

Rated Current: 23A for (x=4) or 31A for (x=1, 2, 3 or 4)

Reverse Current: I_{RC} Class A

Application Class: Class A

Continued on page 0002

ANLAGE (Appendix): 1.0

Zertifikat Certificate

Zertifikat No. / Certificate No. R 50510013 Blatt / Sheet 0003

Hersteller / Manufacturer: QC Solar (Suzhou) Corporation

Produktion / Production: 215123 Jiangsu P.R. China

Typ / Type: PV-Komponente (elektrisch) für BOB (PV Components for BOB)

Rated Voltage: 1500VDC for (x=1, 2, 3 or 4)

Rated Current: 23A for (x=4) or 31A for (x=1, 2, 3 or 4)

Reverse Current: I_{RC} Class A

Application Class: Class A

Continued on page 0002

ANLAGE (Appendix): 1.1

CERTIFICATE

No. B 077362 0000 Rev. 03

Holder of Certificate: QC Solar (Suzhou) Corporation

Certification Mark:

Product: Junction Box for PV Modules

Model(s): 69725-8-xy-818181-xy-30ay

Parameters: Rated Voltage: up to 1500VDC, Max. Current: 23A or 31A for 1500VDC, Max. Current: 23A or 31A for 1500VDC, Max. Current: 23A or 31A for 1500VDC, Max. Current: 23A or 31A for 1500VDC

Tested according to: IEC 62746(1) EN 62746(1)

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed to 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.tuv.sud.com

Test report no.: 7040770000-03

Valid until: 2024-08-11

Date: 2021-08-30

Page 1 of 1

CERTIFICATE

Report Reference: 13122

Date: 23-Jan

Issued to: SIP SUI, CHN

This is to certify that representative samples of OUB2 and Pin Have achieved the required performance in accordance with the requirements for ongoing surveillance provides authorization

Standards for Safety: UL 278, 2021-04

Additional Information: See the link

Only those products bearing the UL Recognized Component Mark are covered under UL's Follow-Up Services.

Look for the UL Recognized Component Mark

CERTIFICATE

Report Reference: 13122

Date: 23-Jan

Model

30ay series, followed by -abcd, where x can be 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11 or 12, d can be 1, 2 or 3.

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CERTIFICATE OF COMPLIANCE

Report Reference: 13122

Date: 23-Jan

Model

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快速可靠, 成就客户!

Quick and reliable, QC Solar devotes to satisfying customers.



苏州快可光伏电子股份有限公司

QC Solar (Suzhou) Corporation

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