

产品规格书

Product Specification



3Qxy 一体化接线盒

Solar Junction Box 3Qxy

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

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



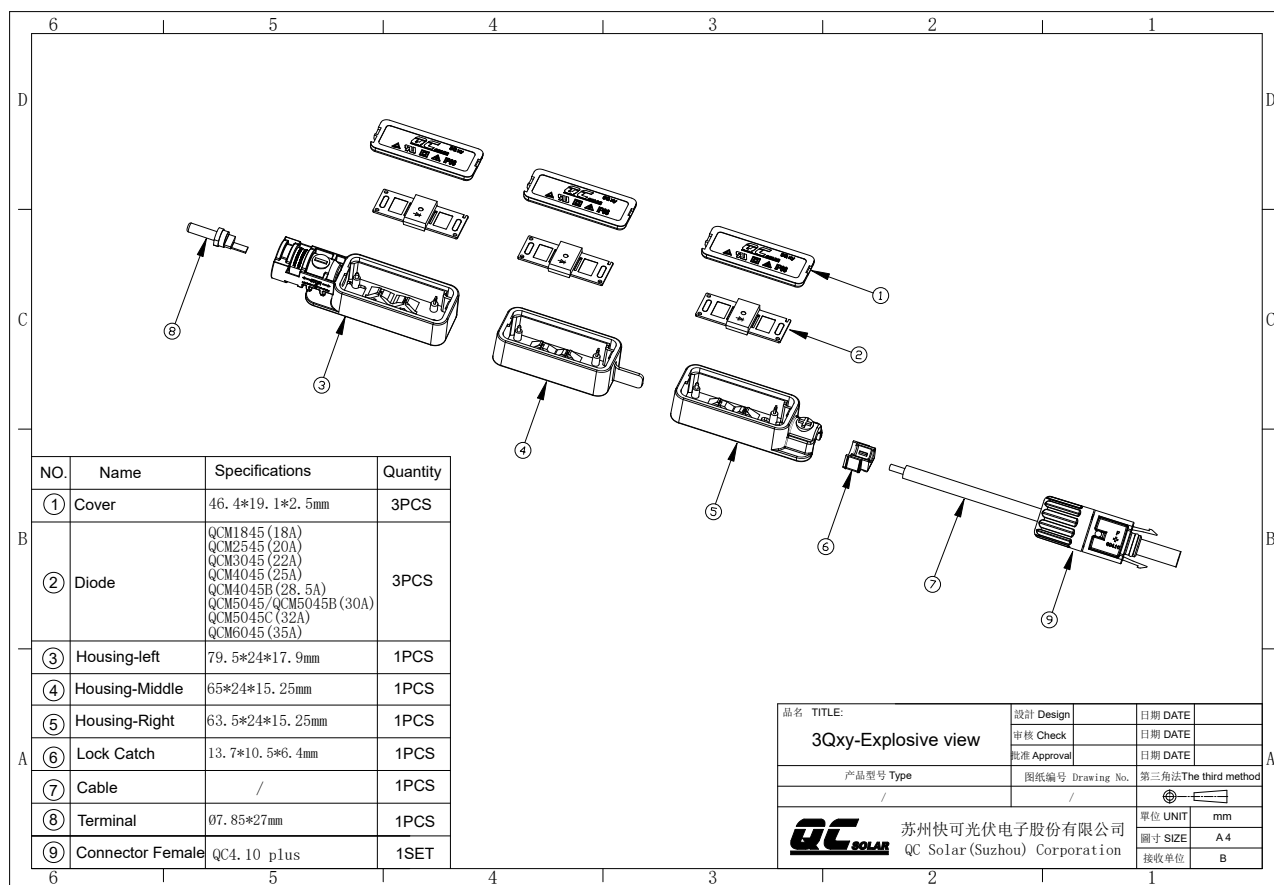
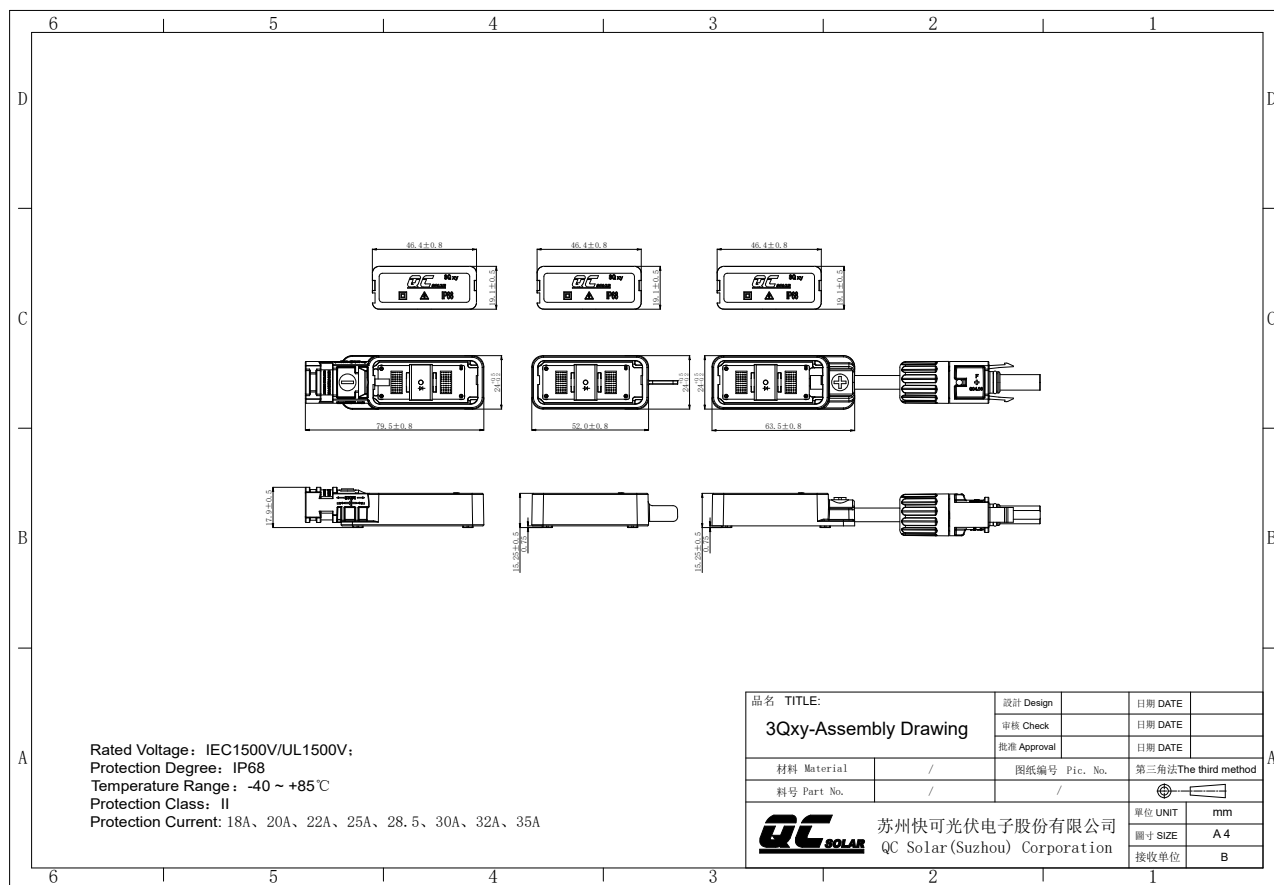
性能参数 design performance parameters

额定电压 Rated Voltage	IEC 1500V/UL1500V
额定电流 Rated Current	18A/20A/22A/25A/28.5A/30A/32A/35A
灌胶量 Glue Volume	3*6.3mL
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
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 QC Solar (Suzhou) Corporation					
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 Product	3Qxy			张 数 Page	1
客 户 Customer	/			发行日期 Version Date	2022.02.17
产品名称 Product name	名 称 Name	材 质 Material	规 格 Specification	数 量 Quantity	备 注 Remark
1	上盖 Cover	PP0	46.4*19.1*2.5mm	3 pcs	
2	底座 - 左 Box bottom-left	PP0	77.5*24*17.9mm	1 pcs	
3	底座 - 中 Box bottom-middle	PP0	65*24*15.25mm	1 pcs	
4	底座 - 右 Box bottom-right	PP0	63.5*24*15.25mm	1 pcs	
5	卡扣 Lock Catch	PP0	13.7*10.5*6.4mm	1 pcs	
6	模块二极管 Module diode	/	QCM1845(18A) QCM2545(20A) QCM3045(22A) QCM4045(25A) QCM4045B(28.5A) QCM5045B/ QCM5045(30A) QCM5045C(32A) QCM6045(35A)	3 pcs	
7	插针 Terminal	Copper	φ 7.85*27mm	1 pcs	
8	线缆 Cable	XLPE/Copper	/	1 pcs	
9	正极连接器 Female connector	/	QC4.10 Plus	1 set	
以上原料符合欧盟 ROHS 要求 Above materials matched the ROHS rules					
制 表: Written By:		审 核: Checked by:		批 准: Approved By:	

3. 接线盒图档 / Drawing of junction box



4. 证书编号/ Certificate NO

南德 Certificate NO:

ZERTIFIKAT ◆ CERTIFICATE ◆ 证书 CERTIFIKAT ◆ CERTIFICADO ◆ CERTIFICAT		 Product Service														
	CERTIFICATE No. B 077362 0009 Rev. 04															
	Holder of Certificate: QC Solar (Suzhou) Corporation No.31, Xinfu Road, SIP. 215123 Suzhou PEOPLE'S REPUBLIC OF CHINA															
	Certification Mark: 															
	Product: Installation box Junction Box for PV Module															
	Model(s): 181821-xyz, 3Qxy, 091721-B-xy, 161621, 171721-abc															
	Parameters: <table border="0"> <tr> <td>Rated Voltage:</td> <td>Up to 1500VDC</td> </tr> <tr> <td>Rated Current:</td> <td>20.2A or 25A for 181821; 20A or 22A or 25A or 30A or 35A for 3Qxy; 20A or 25.5A for 091721-B-xy; 19A for 161621; 16.2A or 17.5A or 20.2A for 171721-abc</td> </tr> <tr> <td>Reverse Current:</td> <td>40A</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:	20.2A or 25A for 181821; 20A or 22A or 25A or 30A or 35A for 3Qxy; 20A or 25.5A for 091721-B-xy; 19A for 161621; 16.2A or 17.5A or 20.2A for 171721-abc	Reverse Current:	40A	Application Class:	A	Protection Class:	II	Degree of Protection:	IP65/IP68(1m, 1h)	Ambient Temperature:	-40°C ~ + 85°C
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Protection Class:	II															
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Ambient Temperature:	-40°C ~ + 85°C															
Tested according to: IEC 62790:2020 EN IEC 62790:2020																
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																
Test report no.: 704071902004-04 Valid until: 2027-12-08 Date, 2022-12-09																
 (Yaqun Alex Liu)																
Page 1 of 1 TÜV SÜD Product Service GmbH • Certification Body • Ridlerstraße 65 • 80339 Munich • Germany																

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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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