

# 产品规格书

## Product Specification

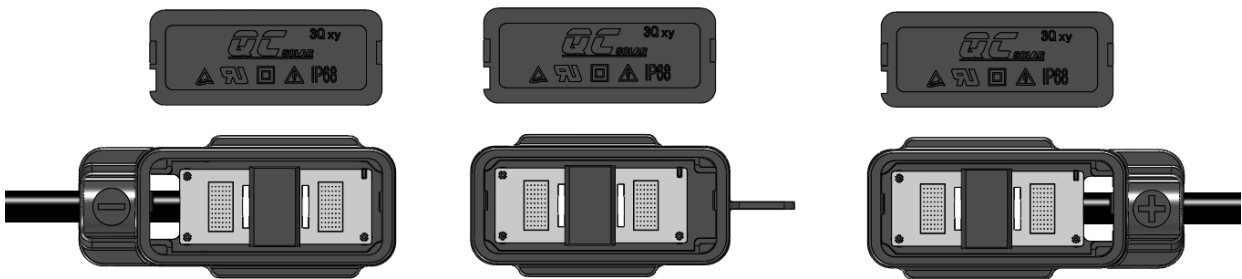


### 3Qxy 系列接线盒 (带裙边)

#### Solar Junction Box 3Qxy Skirt

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

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



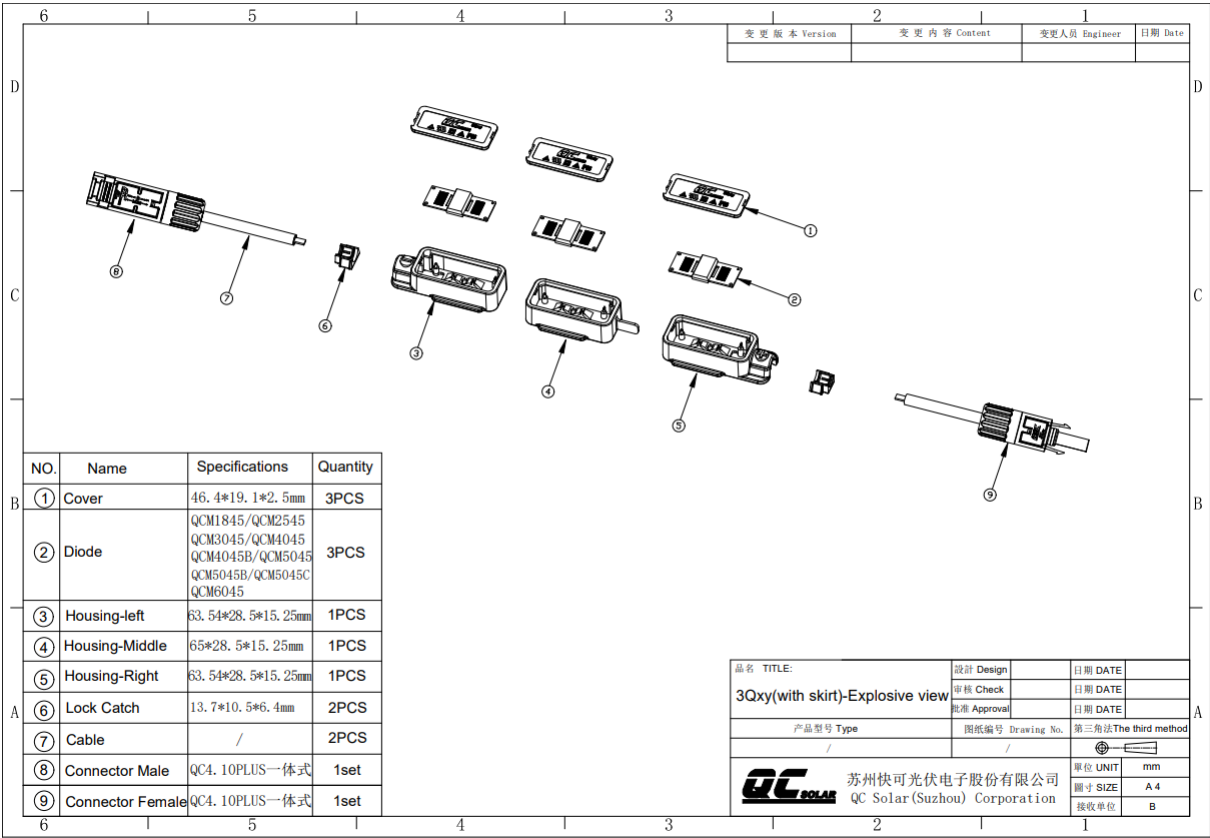
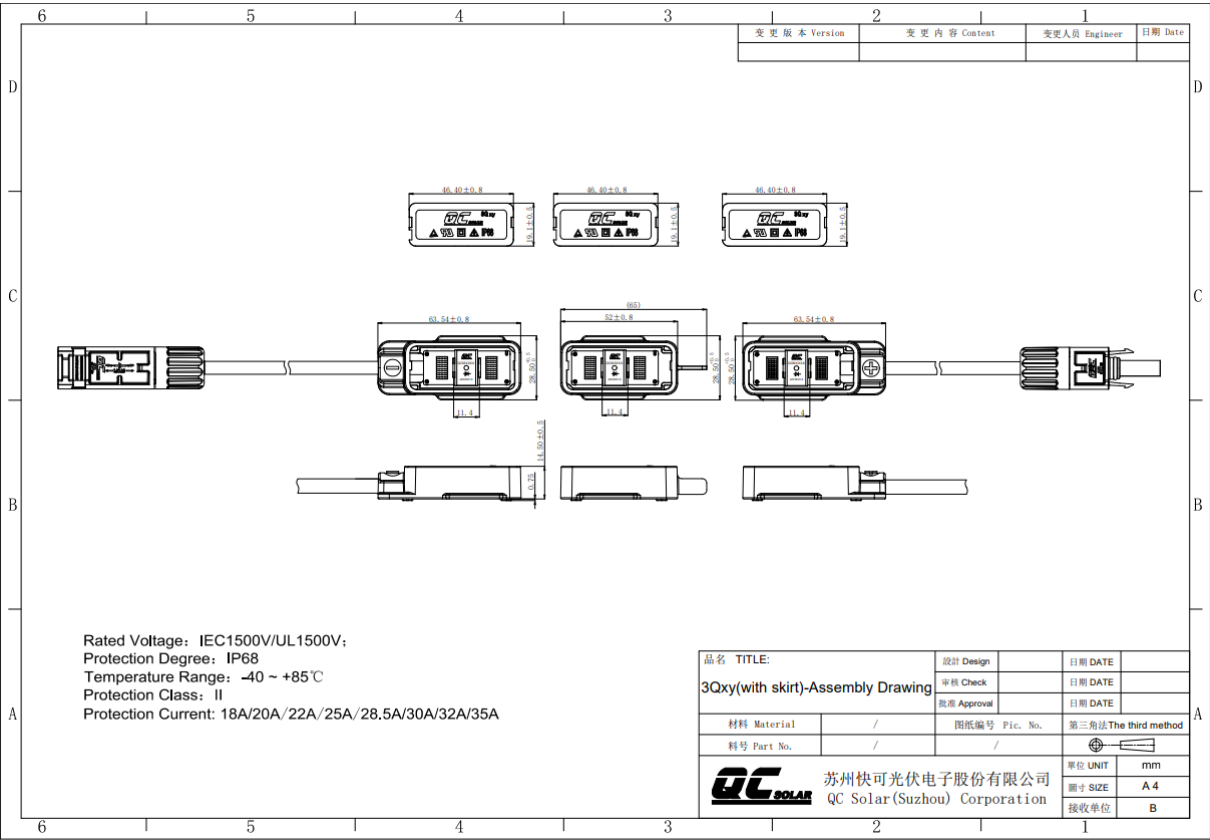
| 技术参数 Product Specifications    |                                                                                                                                  |
|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| 额定电压<br>Rated Voltage          | IEC 1500V/UL1500V                                                                                                                |
| 额定电流<br>Rated Current          | IEC18A/UL18A<br>IEC20A/UL25A<br>IEC22A/UL30A<br>IEC25A/UL30A<br>IEC28.5A/UL28.5A<br>IEC30A/UL30A<br>IEC32A/UL32A<br>IEC35A/UL35A |
| 灌胶量<br>Glue Volume             | 3*6.3mL                                                                                                                          |
| 应用等级<br>Application Class      | Class A                                                                                                                          |
| 温度范围<br>Temperature Range      | -40℃ ~ +85℃                                                                                                                      |
| 防护等级<br>Protection Degree      | IP68                                                                                                                             |
| TUV 证书编号<br>TUV Certificate NO | R50510013 (莱茵)<br>No.B 077362 0009 Rev.03 (南德)                                                                                   |
| U L 证书编号<br>UL Certificate NO  | E312223                                                                                                                          |
| 防火等级<br>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<br>Product Name                                                         | 接线盒<br>PV JUNCTION BOX      | 材料清单<br>Bill Of Materials |                                                                                                                                               | 版本<br>Version        | A/0          |
| 产品型号<br>Model                                                                | 3Qxy-28.5mm<br>带裙边          |                           |                                                                                                                                               | 张数<br>Page           | 1            |
| 客户<br>Customer                                                               | /                           |                           |                                                                                                                                               | 发行日期<br>Version Date | 2023.12.22   |
| 序号<br>S/N                                                                    | 名称<br>Description           | 材质<br>Material            | 规格<br>Specification                                                                                                                           | 数量<br>Quantity       | 备注<br>Remark |
| 1                                                                            | 上盖<br>Cover                 | PP0                       | 46.4*19.1*2.5mm                                                                                                                               | 3 pcs                |              |
| 2                                                                            | 底座 - 左<br>Box bottom-left   | PP0                       | 63.54*28.5*15.25mm                                                                                                                            | 1 pcs                |              |
| 3                                                                            | 底座 - 中<br>Box bottom-middle | PP0                       | 65*28.5*15.25mm                                                                                                                               | 1 pcs                |              |
| 4                                                                            | 底座 - 右<br>Box bottom-right  | PP0                       | 63.54*28.5*15.25mm                                                                                                                            | 1 pcs                |              |
| 5                                                                            | 卡扣<br>Lock Catch            | PP0                       | 13.7*10.5*6.4mm                                                                                                                               | 2 pcs                |              |
| 6                                                                            | 模块二极管<br>Module diode       | /                         | QCM1845(18A)<br>QCM2545(20A)<br>QCM3045(22A)<br>QCM4045(25A)<br>QCM4045B(28.5A)<br>QCM5045/<br>QCM5045B(30A)<br>QCM5045C(32A)<br>QCM6045(35A) | 3 pcs                |              |
| 7                                                                            | 线缆<br>Cable                 | XLPE/Copper               | /                                                                                                                                             | 2 pcs                |              |
| 8                                                                            | 正极连接器<br>Female connector   | /                         | QC4.10 PLUS 一体式                                                                                                                               | 1 set                |              |
| 9                                                                            | 负极连接器<br>male connector     | /                         | QC4.10 PLUS 一体式                                                                                                                               | 1 set                |              |
|                                                                              |                             |                           |                                                                                                                                               |                      |              |
|                                                                              |                             |                           |                                                                                                                                               |                      |              |
| 以上原料符合欧盟 ROHS 要求<br>All the materials above are subject to RoHS requirement. |                             |                           |                                                                                                                                               |                      |              |
| 制表:<br>Written By:                                                           |                             | 审核:<br>Reviewed By:       |                                                                                                                                               | 批准:<br>Approved By:  |              |

3. 接线盒图档 / Drawing of junction box

3Qxy 接线盒



## 4.接线盒证书 / Certificates of junction box

