

# 产品规格书

## Product Specification



AC02- 连接器

AC02-connector

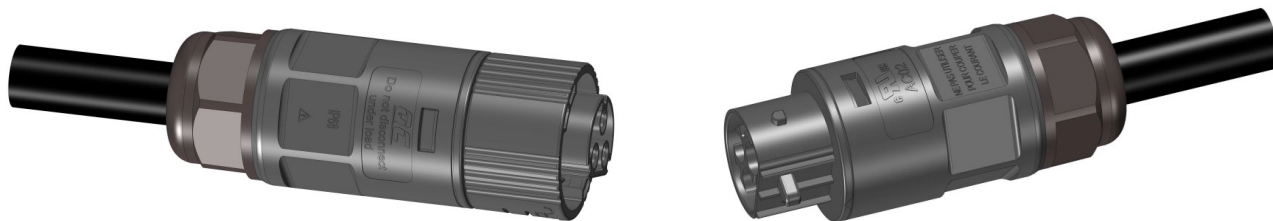
承认签章 (Confirmation)					
快可承认 (QC Solar confirmation)			客户承认 (Customer confirmation)		
批准 Approved by	审核 Audited by	设计 Designed by	采购 Purchased by	品保 Quality Assured by	技术 Technical verified by

# 目录

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01/	产品外观及设计性能参数要求 / .....	01
	Product appearance and design performance parameters	
02/	连接器 BOM 清单 /BOM of connector .....	02
03/	连接器图纸 /Drawing of connector .....	03
04/	认证证书 /Authentication Certificate .....	04

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

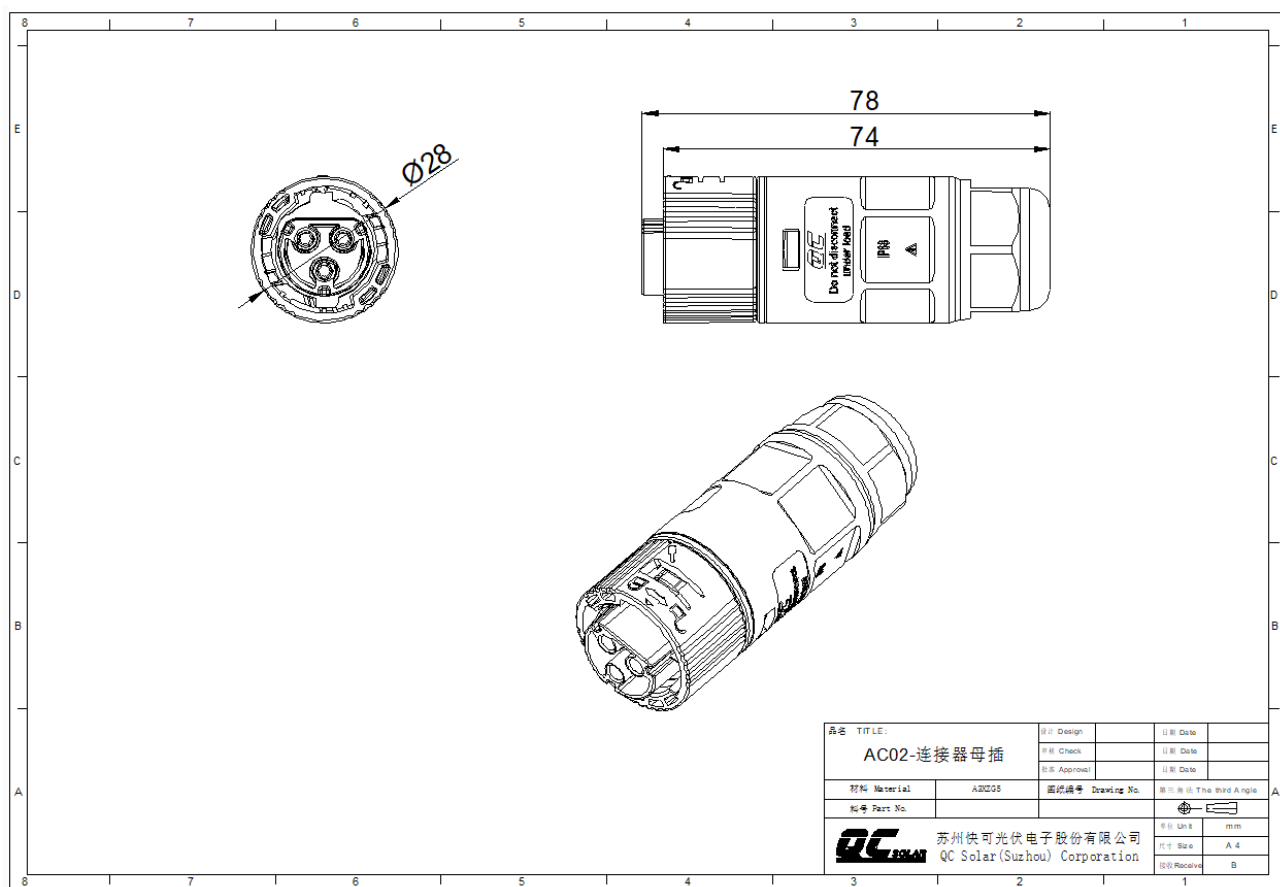
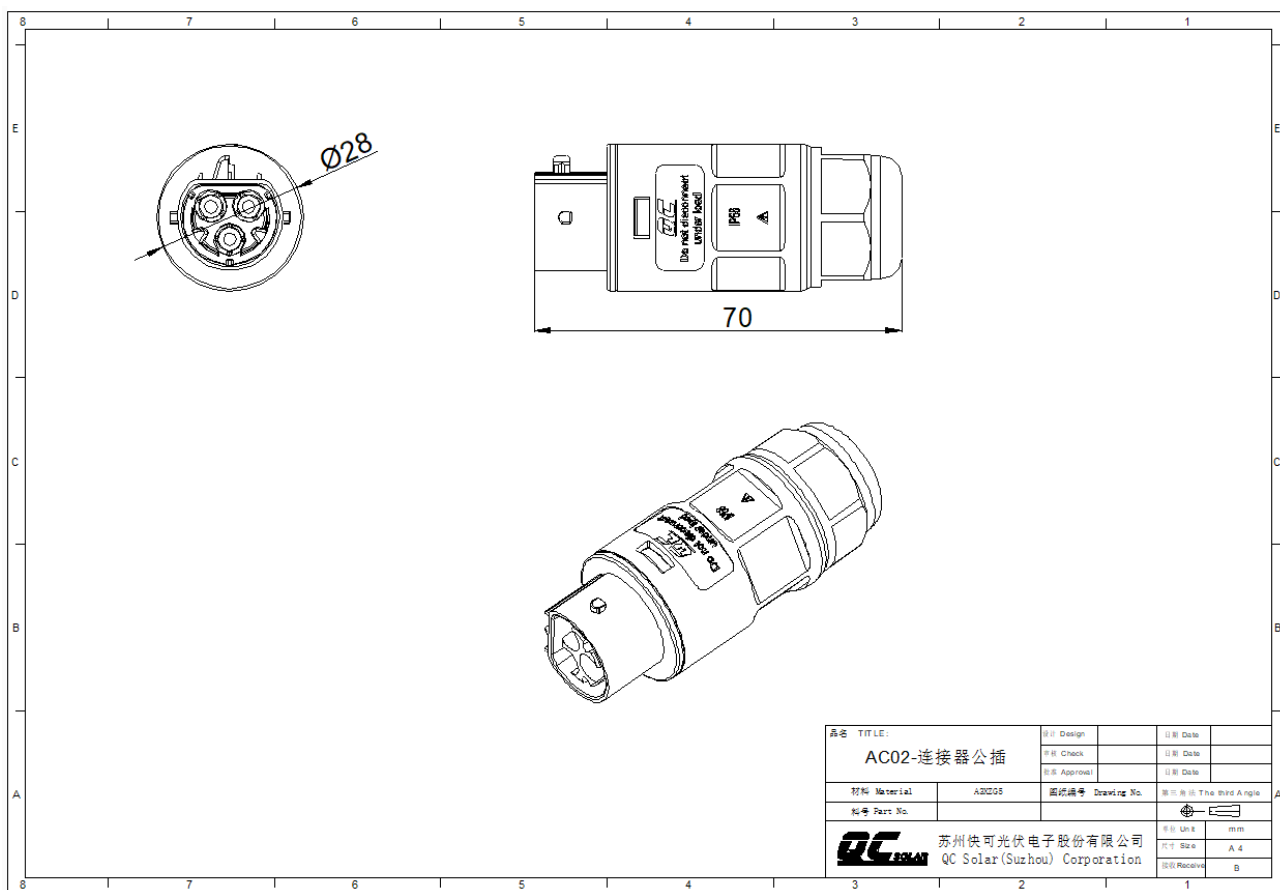


性能参数 design performance parameters	
电极芯数 Electrode number	三芯 (L+N+PE)
额定电压 Rated voltage	300V AC
额定电流 Rated current	UL6703: 27A (3X14AWG) 31A (3X12AWG) PPP_59015A: 27A (3X2.5mm <sup>2</sup> ) 31A (3X4mm <sup>2</sup> )
额定冲击电压 Dielectric withstand voltage	4000V
端子材质 Material of pin	铜 Copper
外壳材质 House material	PC
外壳防火等级 Enclosure flame class	V-0
污染等级 Pollution degree	II
防护等级 Protection Degree	IP68
接触电阻 Insulation resistance	≤ 2mΩ
环境温度 Applicable environment temperature	-40°C~ +85°C
适用线缆 Outer cable	规格 3*2.5mm <sup>2</sup> , 3*4.0mm <sup>2</sup> , 线缆外径 8.5-11.5mm Specification 3*2.5mm <sup>2</sup> , 3*4.0mm <sup>2</sup> , Diameter 8.5-11.5mm

## 2. 连接器BOM清单 / Connector BOM List

苏州快可光伏电子股份有限公司 QC Solar (Suzhou) Corporation					
产品名称 Product name	连接器 Connector	材料清单 Bill Of Materials		版 本 Version	A/0
产品型号 Product	AC02			张 数 Page	1
客 户 Customer	/			发行日期 Version Date	2022.12.08
序号 No.	名 称 Name	材 质 Material	生产厂商 Manufacturer	数 量 Quantity	备 注 Remark
1	公插本体 Male housing	PC	/	1 pcs	
2	母插本体 Female housing	PC	/	1 pcs	
3	插针座 Metal plug bracket	PC	/	1 pcs	
4	插插座 Metal socket bracket	PC	/	1 pcs	
5	内爪 Screw cap	PA66	/	2 pcs	
6	螺帽 Cable clamp	PA66	/	2 pcs	
7	旋扣 Rotatable lock	PC	/	1 pcs	
8	套筒 Sleeve	PC	/	2 pcs	
9	插针 Metal plug	铜 Copper	/	3 pcs	
10	插套 Metal socket	铜合金 Copper alloy	/	3 pcs	
11	O 型圈 1 O sealing ring	硅橡胶 Silicon rubber	/	2 pcs	
12	O 型圈 2 O sealing ring	硅橡胶 Silicon rubber	/	2 pcs	
13	堵头 Sealing gasket	硅橡胶 Silicon rubber	/	2 pcs	
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. 连接器图纸 / Drawing of connector



## 4. 认证证书 / Authentication Certificate



# 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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 中国苏州工业园区新发路 31 号 (No.31,Xinfa Road,SIP,Suzhou,China, 215123.)

 0086-0512-62603392

 market@quick-contact.com

 www.quick-contact.com



快可官方微信