

A4 P Series Solar Connector

A4P 系列:光伏板端连接器



IEC 1500V
UL 1500V



UL: 6703
IEC: 62852



-40 °C ~ 90 °C



UL94-V0



IP 68



UV Resistance



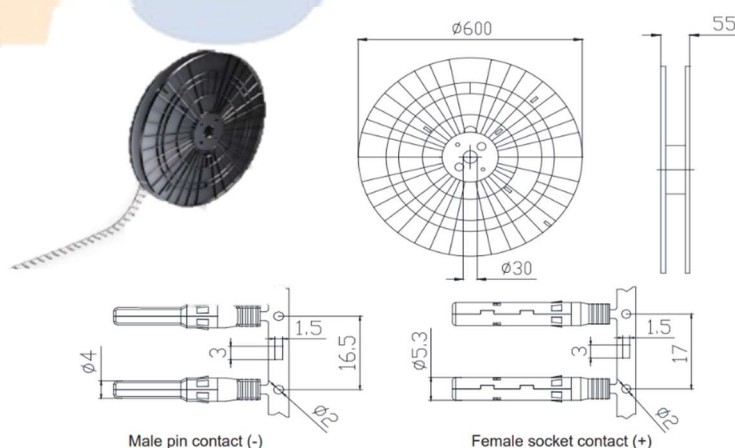
Product Overview 产品概述:

A4 P Series connectors use high quality weather resistance materials that guarantee long-term reliability. The connector could match 2.5mm² to 16mm² cables, it could be widely used in different applications. The lower contact resistance and higher current transfer capability ensure high product efficiency. A4 connectors have IP68 water-proof rating and can be used in a wide operating temperature range from -40 °C to 90 °C.

A4P 系列连接器采用高品质绝缘耐候材料,可保障产品在户外长期安全使用。产品可适配 2.5 平方到 16 平方电线,具有更广的应用范围。较小的接触电阻和大电流传输能力保障了产品长期使用的可靠性。A4 P 系列连接器符合 IP68 额定标准,且能够工作在-40 °C 到 90 °C 极限环境。

Technical Data 技术参数:

Rated Voltage 额定电压	IEC 1500V\UL1500V
Certification 执行标准	IEC 62852; UL 6703
Rated Current 额定电流	25A/35A/40A/50A
Ambient 工作温度	-40 °C up to +90 °C
Contact Resistance 接触电阻	≤0.25mΩ
Pollution Degree 污染等级	Class II
Protection Degree 保护等级	Class II
Fire Resistance 阻燃等级	UL94-V0
Rated Impulse Voltage 额定浪涌电压	16KV



Order Data 规格信息:

MODEL 型号	Voltage 电压	Current 电流	Cable OD	IP	Cable Spec
A4 P 25	1500V	25A	≤8mm	IP68	2.5mm ²
A4 P 46		35A/40A	≤8mm	IP68	4mm ² /6mm ²
A4 P 10		50A			10mm ²



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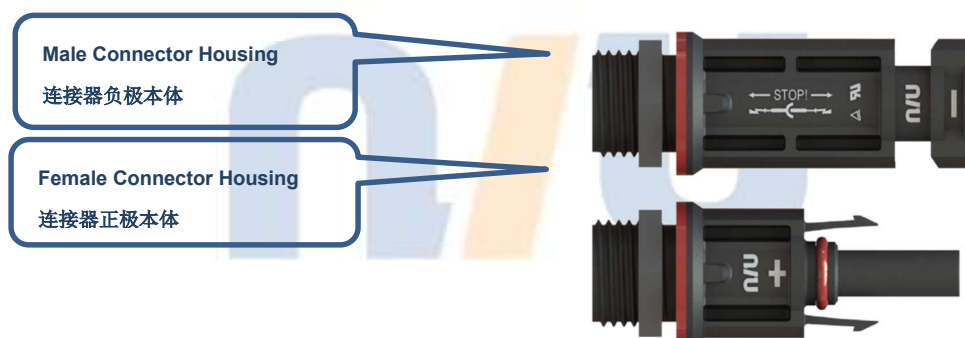


UV Resistance



Male Connector Housing 连接器负极本体	Female Connector Housing 正极本体	Male Terminal 负极导电体	Female Terminal 正极导电体	Remark
<input type="checkbox"/> M6:A4-P-M8	<input type="checkbox"/> F6:A4-P-F8	<input type="checkbox"/> MU:A4-MU-2.5	<input type="checkbox"/> FU:A4-FU-2.5	
		<input type="checkbox"/> MU:A4-MU-46	<input type="checkbox"/> FU:A4-FU-46	
		<input type="checkbox"/> MO10:A4-MO-10	<input type="checkbox"/> FO10:A4-FO-10	

* Customized options available, for more information, please contact NIU Power's team: Marketing@niu-power.com.



Type U Male Terminal

U 型 公端子



Type O Male Terminal

O 型 公端子



Type U Female Terminal

U 型 母端子



Type O Female Terminal

O 型 母端子



Package Info 包装信息:

Carton Dimension (cm)	Pack list	QTY	Gross Weight (kg)
59cm X 39cm X19cm	Male Housing	500 pcs	16kg
	Female Housing	500 pcs	
	Male terminal	500 pcs	
	Female terminal	500 pcs	

Remark: 500 pairs in one carton package

