

## A6-B-Max Series(Big Max)



IEC 1500V  
UL 1500V



Max 80A



1~3ms



UL94-V0



IP 68



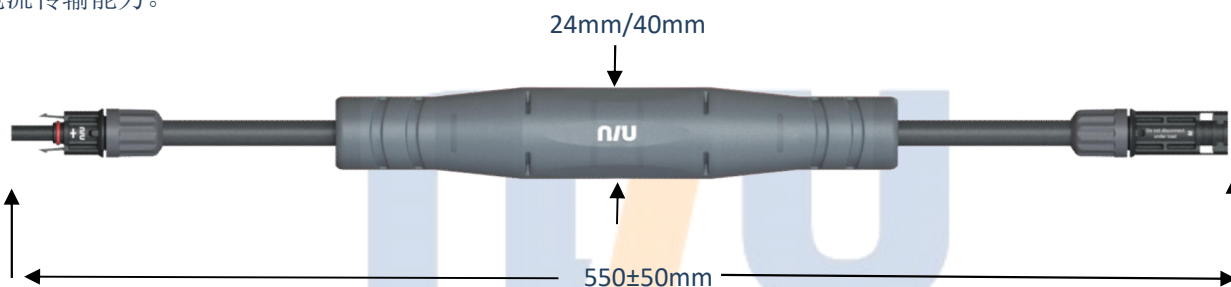
UV Resistance



## Product Overview

A6 B-Max Fuse Series use high quality weather resistance materials to seal the fuse units in line. A6 B-Max Series could match 6 mm<sup>2</sup> to 16 mm<sup>2</sup> cables, it could be widely used in different applications. The lower contact resistance and higher current transfer capability ensure high product efficiency. A6 B-Max Series have IP68 water-proof rating and can be used in a wide operating temperature range.

A6 B-Max 系列光伏保险丝模组采用高品质绝缘耐候材料对保险丝管芯进行包塑密封, 可保障产品在户外长期安全可靠使用。产品可适配 6 平方到 16 平方线缆, 具有更广的应用范围。包塑工艺具有更低电阻、更高的可靠性和更大电流传输能力。



## Technical Data

Rated Voltage 额定电压	DC 1500V
Rated Current 额定电流	35A~80A
Fuse Dimension 管芯尺寸 (35A-50A)	Ø14mm*51mm
Unit Dimension 模组尺寸 (35A-50A)	Ø23mm*550mm
Fuse Dimension 管芯尺寸 (55A-80A)	Ø24mm*51mm
Unit Dimension 模组尺寸 (55A-80A)	Ø40mm*550mm
Ambient Temp 工作温度	-40℃ ~ +65℃
IP 防护等级	IP 68
Rated Breaking Capacity 额定分断电流	10KA@1500V
Time Constant 时间常数	1-3ms
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
Locking System 锁扣	NEC Locking Type
UL Standard UL 执行标准	UL9703
IEC Standard IEC 执行标准	IEC60947-3 / IEC60269-6 / IEC62852

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



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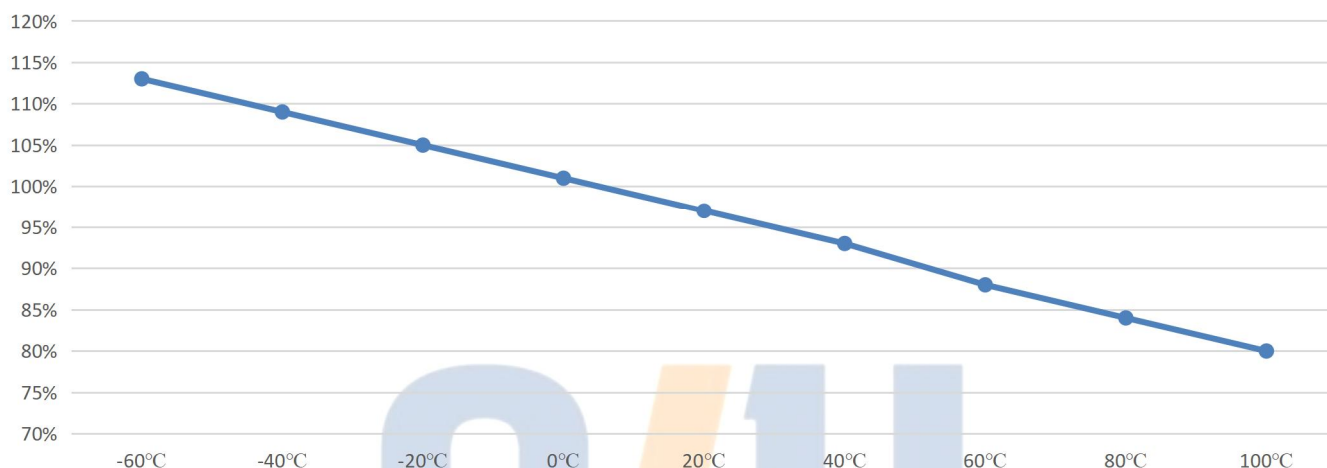


UV Resistance



## Temp Curve

Temperature Detating Curve 温度降额曲线



## Order Data

TYPE 型号	Fuse Spec 保险丝规格	Cable Spec 线缆规格	REF Unit working Spec 参考工作电气参数	Connector Spec 连接器规格	Remark 备注
A6-B-Max-1500-35	DC1500V,35A	DC 1500V, 10AWG/6mm <sup>2</sup>	I≤23A, V≤DC1500V	Staubli MC4/EVO2 Or Customized	Cable Length,Cable Spec,Connector Customized
A6-B-Max-1500-40	DC1500V,40A	DC 1500V, 10AWG/6mm <sup>2</sup>	I≤26A, V≤DC1500V		
A6-B-Max-1500-40-10	DC1500V,40A	DC 1500V, 8AWG/10mm <sup>2</sup>	I≤26A, V≤DC1500V		
A6-B-Max-1500-45-10	DC1500V,45A	DC 1500V, 8AWG/10mm <sup>2</sup>	I≤29A, V≤DC1500V		
A6-B-Max-1500-50-10	DC1500V,50A	DC 1500V, 8AWG/10mm <sup>2</sup>	I≤32A, V≤DC1500V		
A6-B-Max-1500-55-10	DC1500V,55A	DC 1500V, 8AWG/10mm <sup>2</sup>	I≤35A, V≤DC1500V		
A6-B-Max-1500-60-10	DC1500V,60A	DC 1500V, 8AWG/10mm <sup>2</sup>	I≤38A, V≤DC1500V		
A6-B-Max-1500-65-10	DC1500V,65A	DC 1500V, 8AWG/10mm <sup>2</sup>	I≤41A, V≤DC1500V		
A6-B-Max-1500-70-10	DC1500V,70A	DC 1500V, 8AWG/10mm <sup>2</sup>	I≤45A, V≤DC1500V		
A6-B-Max-1500-70-16		DC 1500V, 6AWG/16mm <sup>2</sup>	I≤45A, V≤DC1500V		
A6-B-Max-1500-75-10	DC1500V,75A	DC 1500V, 8AWG/10mm <sup>2</sup>	I≤48A, V≤DC1500V		
A6-B-Max-1500-75-16		DC 1500V, 6AWG/16mm <sup>2</sup>	I≤48A, V≤DC1500V		
A6-B-Max-1500-80-10	DC1500V,80A	DC 1500V, 8AWG/10mm <sup>2</sup>	I≤50A, V≤DC1500V		
A6-B-Max-1500-80-16		DC 1500V, 6AWG/16mm <sup>2</sup>	I≤50A, V≤DC1500V		

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