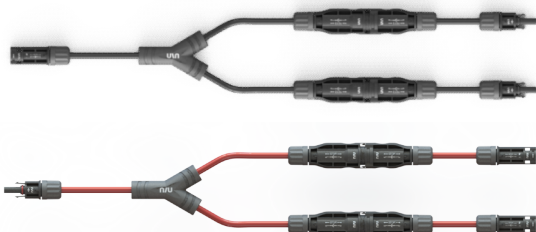


## 2 to 1 Inline Fuse Series



**COST EFFECTIVE AND SUSTAINABLE**  
**COMPLETE SOLUTION FOR PV PROJECTS**



DC 1500V



1~3ms



IP 68



Max 32A



UL94-V0

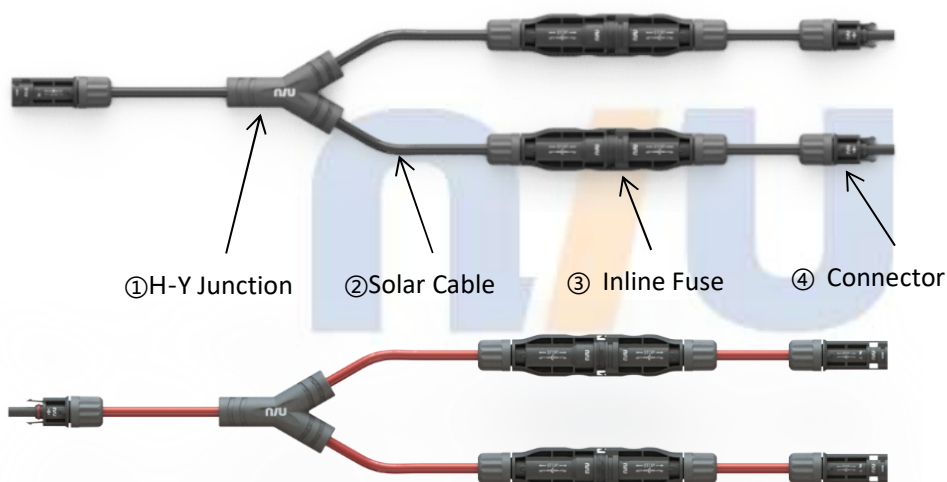


UV Resistance



## Product Overview

NIU Power 2 to 1 Fuse Branch solution was certified under IEC&UL Standards. They were qualified in TUV&ETL labs with solar professional standards. They use high-quality fuses and insulating materials that guarantee long-term reliability. The fuse could be replaced easily during the operation and maintenance. Lower contact resistance and higher current transfer capability ensure high product efficiency. NIU Branch harness has IP68 water-proof rating and can be used in a wide operating temperature range.



H-Y-A6-2F1M

H-Y-A6-2M1F

## Technical Data

Rated Voltage 额定电压	DC 1500V
Rated Current 额定电流	Max 32A*2
Fuse Dimension 管芯尺寸	10mm*85mm
Ambient Temp 工作温度	-40℃ ~ +85℃
IP 防护等级	IP 68
Rated Breaking Capacity 额定分断电流	30KA@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
Material 材料	PC/PA/Copper Tin Plated

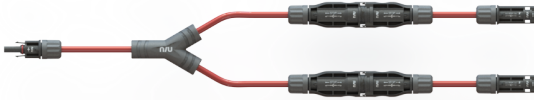
Remark: Customized options available, for more information, please contact NIU Power team: Marketing@niu-power.com.



## 2 to 1 Fuse Series



H-Y-A6-2F1M



H-Y-A6-2M1F

IEC 1500V  
UL 1500V

1~3ms



IP 68



Max 32A



UL94-V0

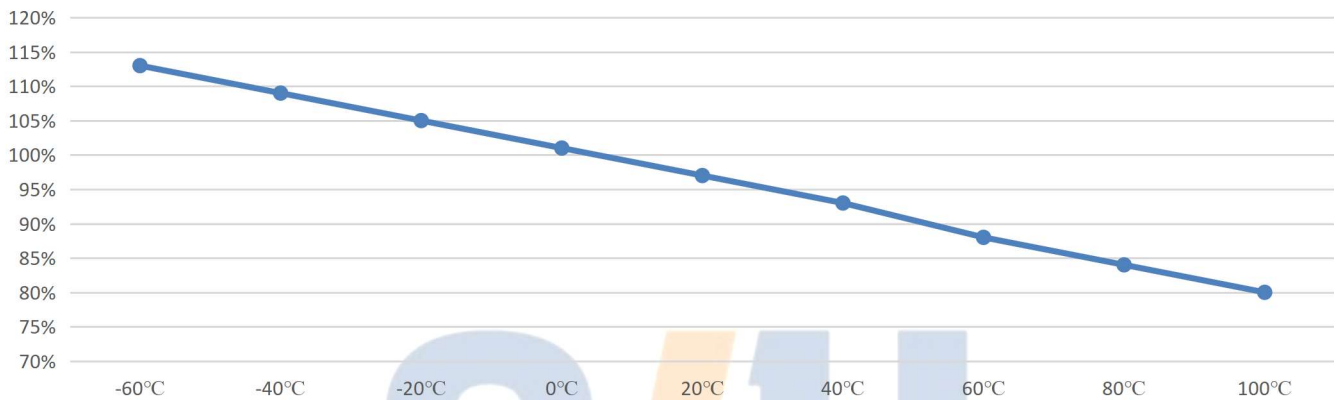


UV Resistance



## Temp Curve

Temperature Detating Curve 温度降额曲线



## Order Data

TYPE	Description	Fuse Current/ A	Input Spec	Output Spec	Remark
H-2B1-A6-2M1F-2A	Connector: 2 Male to 1 Female	2A	Cable:2x2.5mm <sup>2</sup> , 1500V Fuse:2 pcs, 1500V Connector: DC 1500V	Cable:1x4 mm <sup>2</sup> , 1500V Connector: DC 1500V	MC4 or Optional
H-2B1-A6-2M1F-4A		4A			
H-2B1-A6-2M1F-5A		5A			
H-2B1-A6-2M1F-6A		6A			
H-2B1-A6-2M1F-10A		10A	Cable:3x4mm <sup>2</sup> , 1500V Fuse:2 pcs, 1500V Connector: DC 1500V	Cable:1x10mm <sup>2</sup> , 1500V Connector: DC 1500V	
H-2B1-A6-2M1F-15A		15A		Cable:1x16mm <sup>2</sup> , 1500V Connector: DC 1500V	
H-2B1-A6-2M1F-20A		20A			
H-2B1-A6-2M1F-25A		25A			
H-2B1-A6-2M1F-30A		30A			
H-2B1-A6-2M1F-32A		32A			
H-2B1-A6-2F1M-2A	Connector: 2 Female to 1 Male	2A	Cable:2x2.5mm <sup>2</sup> , 1500V Fuse:2 pcs, 1500V Connector: DC 1500V	Cable:1x4 mm <sup>2</sup> , 1500V Connector: DC 1500V	MC4 or Optional
H-2B1-A6-2F1M-4A		4A			
H-2B1-A6-2F1M-5A		5A			
H-2B1-A6-2F1M-6A		6A			
H-2B1-A6-2F1MF-10A		10A	Cable:3x4mm <sup>2</sup> , 1500V Fuse:2 pcs, 1500V Connector: DC 1500V	Cable:1x10mm <sup>2</sup> , 1500V Connector: DC 1500V	
H-2B1-A6-2F1M-15A		15A		Cable:1x16mm <sup>2</sup> , 1500V Connector: DC 1500V	
H-2B1-A6-2F1M-20A		20A			
H-2B1-A6-2F1M-25A		25A			
H-2B1-A6-2F1M-30A		30A			
H-2B1-A6-2F1M-32A		32A			

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

