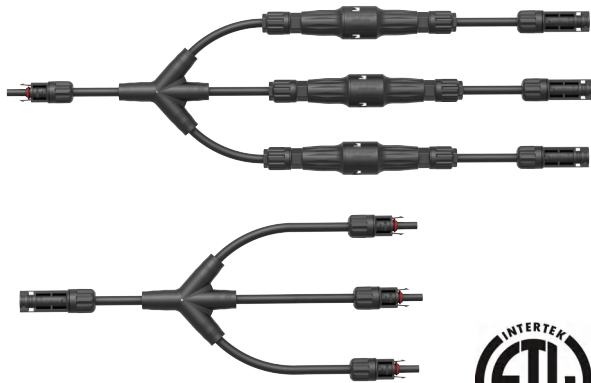


## Solar SY-3B1 Integrated Harness



DC 1500V



UL94-V0



-40°C ~ +85°C



IP 68



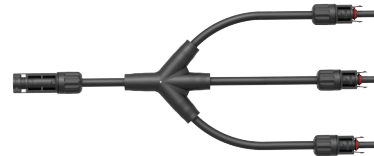
**COST EFFECTIVE AND SUSTAINABLE**  
**COMPLETE SOLUTION FOR PV PROJECTS**

### Product Overview

LEADER 3 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. LEADER Branch harness has IP68 water-proof rating and can be used in a wide operating temperature range.



SY-3B1-A6-3M1F



SY-3B1-3F1M

### Technical Data

Rated Voltage	DC 1500V
Ambient temperature	-40°C up to +85°C
Contact Resistance	≤0.05mΩ
Pollution Degree	ClassII
Protection Degree	ClassII
Fire Resistance	UL94-V0
Rated Impulse Voltage	16KV
IP	IP 68

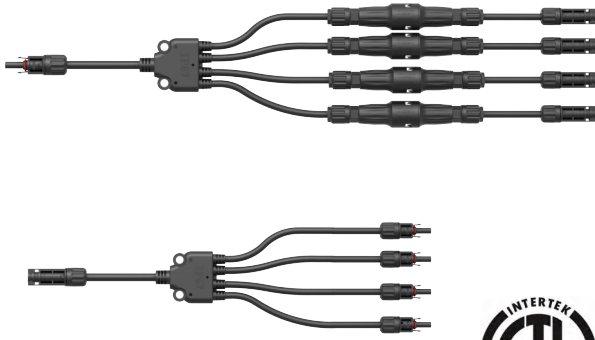
### Order Data

TYPE	Description	Fuse Current/ A	Input Spec	Output Spec	Remark
SY-3B1-0410	SY-3B1-A6-3M1F	15A	Cable:3x4mm <sup>2</sup> , 1500V Fuse:1x3 pcs, 1500V Connector: DC 1500V 3 Connectors (Customized)	Cable:1x6mm <sup>2</sup> , 1500V Connector: DC 1500V 1 Connector (Customized)	
		20A			
25A					
30A					
32A					
	SY-3B1-3F1M	-			

Remark: Customized options available, for more information, please contact LEADER sales team: info@leadergroup-cn.com



## Solar SY-4B1 Integrated Harness



DC 1500V



UL94-V0



-40°C ~ +85°C



IP 68



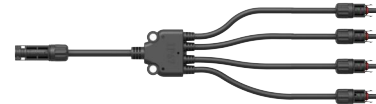
**COST EFFECTIVE AND SUSTAINABLE**  
**COMPLETE SOLUTION FOR PV PROJECTS**

### Product Overview

LEADER 4 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. LEADER Branch harness has IP68 water-proof rating and can be used in a wide operating temperature range.



SY-4B1-A6-4M1F



SY-4B1-4F1M

### Technical Data

Rated Voltage	DC 1500V
Ambient temperature	-40°C up to +85°C
Contact Resistance	≤0.05mΩ
Pollution Degree	ClassII
Protection Degree	ClassII
Fire Resistance	UL94-V0
Rated Impulse Voltage	16KV
IP	IP 68

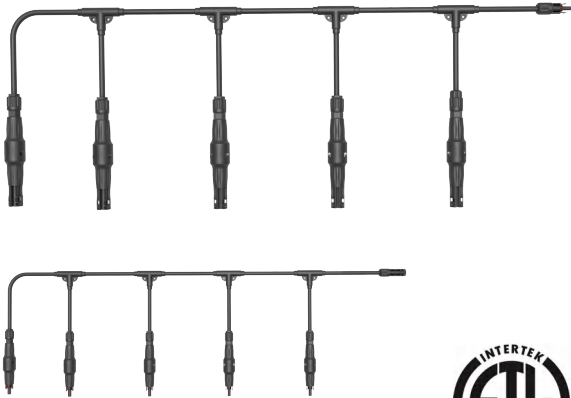
### Order Data

TYPE	Description	Fuse Current/ A	Input Spec	Output Spec	Remark
SY-4B1-0410	SY-4B1-A6-4M1F	15A	Cable:4x4mm <sup>2</sup> , 1500V Fuse:1x4 pcs, 1500V Connector: DC 1500V 4 Connectors (Customized)	Cable:1x6mm <sup>2</sup> , 1500V Connector: DC 1500V 1 Connector (Customized)	
		20A			
25A					
30A					
32A					
	SY-3B1-4F1M	-			

Remark: Customized options available, for more information, please contact LEADER sales team: [info@leadergroup-cn.com](mailto:info@leadergroup-cn.com)



## Solar SY-5B1 Integrated Harness



DC 1500V



UL94-V0



-40°C ~ +85°C



IP 68



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

## Product Overview

LEADER 5 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. LEADER Branch harness has IP68 water-proof rating and can be used in a wide operating temperature range.



SY-5B1-A6-5M1F



SY-5B1-5F1M

## Technical Data

Rated Voltage	DC 1500V
Ambient temperature	-40 °C up to +85 °C
Contact Resistance	≤0.05mΩ
Pollution Degree	ClassII
Protection Degree	ClassII
Fire Resistance	UL94-V0
Rated Impulse Voltage	16KV
IP	IP 68

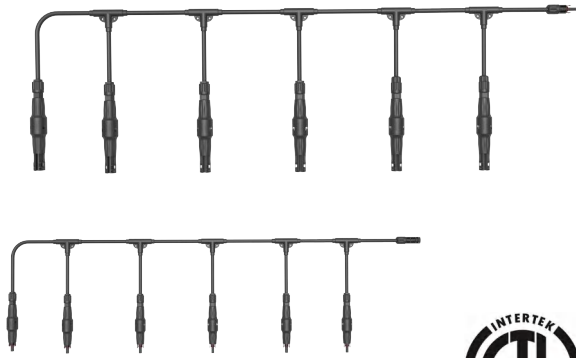
## Order Data

TYPE	Description	Fuse Current/ A	Input Spec	Output Spec	Remark
SY-5B1-0410	SY-5B1-A6-5M1F	15A	Cable:5x4mm <sup>2</sup> , 1500V Fuse:1x5 pcs, 1500V Connector: DC 1500V 5 Connectors (Customized)	Cable:1x6mm <sup>2</sup> , 1500V Connector: DC 1500V 1 Connector (Customized)	
		20A			
25A					
30A					
32A					
	SY-3B1-5F1M	-			

Remark: Customized options available, for more information, please contact LEADER sales team: [info@leadergroup-cn.com](mailto:info@leadergroup-cn.com)



## Solar SY-6B1 Integrated Harness



DC 1500V



UL94-V0



-40℃~+85℃



IP 68



**COST EFFECTIVE AND SUSTAINABLE**  
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### Product Overview

LEADER 6 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. LEADER Branch harness has IP68 water-proof rating and can be used in a wide operating temperature range.



SY-6B1-A6-6M1F



SY-6B1-6F1M

### Technical Data

Rated Voltage	DC 1500V
Ambient temperature	-40℃ up to +85℃
Contact Resistance	≤0.05mΩ
Pollution Degree	ClassII
Protection Degree	ClassII
Fire Resistance	UL94-V0
Rated Impulse Voltage	16KV
IP	IP 68

### Order Data

TYPE	Description	Fuse Current/ A	Input Spec	Output Spec	Remark
SY-6B1-0410	SY-6B1-A6-6M1F	15A	Cable:6x4mm <sup>2</sup> , 1500V Fuse:1x6 pcs, 1500V Connector: DC 1500V 6 Connectors (Customized)	Cable:1x6mm <sup>2</sup> , 1500V Connector: DC 1500V 1 Connector (Customized)	
		20A			
25A					
30A					
32A					
	SY-6B1-6F1M	-			

Remark: Customized options available, for more information, please contact LEADER sales team: info@leadergroup-cn.com

