

IEC 1500V  
UL 1500V

UL94-V0

-40°C~90°C

IP 68

## H6 P Series Branch Harness



### Options

- Available in 8,7,6,5,4 and 3 string configurations
- 2.5mm<sup>2</sup>~16mm<sup>2</sup>/ 12AWG~6AWG Available
- All Certified PV Connectors and Cables Available
- Standard Fuse Size up to 32A

### Product Overview

NIU Power H6 P Branch Harness use high quality materials that guarantee long-term reliability. H6 P Series Branch Harness have IP68 water-proof rating and can be used in a wide operating temperature range from -40 °C to 90 °C. NIU Power H6 P Series Branch Harness reduces the specialized labor required in your installation, making the integration of solar panels a breeze. With harnesses custom manufactured for your specific site, both labor and material costs are significantly reduced. The simplified design and robust construction also increases reliability, making the Interconnect System a perfect solution for any project.

### Technical Data

Rated Voltage	IEC 1000V \ IEC 1500V \ UL 1000V \ UL1500V
Junction Rated Current	20A(12AWG) \ 45A (10AGW) \ 65A(8AWG) \ 70A(6AWG)
Max Input Rated Current Protection	Max 32A
Max Output Rated Current Protection	Max 32A
Ambient temperature	-40°C up to +90°C
Contact Resistance	≤0.05mΩ
Pollution Degree	Class II
Protection Degree	Class II
Fire Resistance	UL94-V0
Rated Impulse Voltage	16KV
Locking System	NEC Locking Type

### Order Data

Part No.	Cable Spec	Input Fuse	Output Fuse	Connector
H6 3P abc	Input: 3 Branch; Output: 1 Branch	3x Max 32A	1x Max 32A	Option: solar connectors Option: Input and Output Cables
H6 4P abc	Input: 4 Branch; Output: 1 Branch	4x Max 32A	1x Max 32A	
H6 5P abc	Input: 5 Branch; Output: 1 Branch	5x Max 32A	1x Max 32A	
H6 6P abc	Input: 6 Branch; Output: 1 Branch	6x Max 32A	1x Max 32A	
H6 7P abc	Input: 7 Branch; Output: 1 Branch	7x Max 32A	1x Max 32A	
H6 8P abc	Input: 8 Branch; Output: 1 Branch	8x Max 32A	1x Max 32A	

Remark: Plastic over-mold material is suitable for outdoor use with respect to exposure to UV light, water exposure and immersion in accordance with UL 746A,746B and746C.Harness design and specification subject to change or modification without notice.

