

Solar 5B1 Branch Harness



IEC 1500V
UL 1500V



UL 9703
IEC 62852



-40 °C ~85 °C



UL94-V0



IP 68



UV Resistance



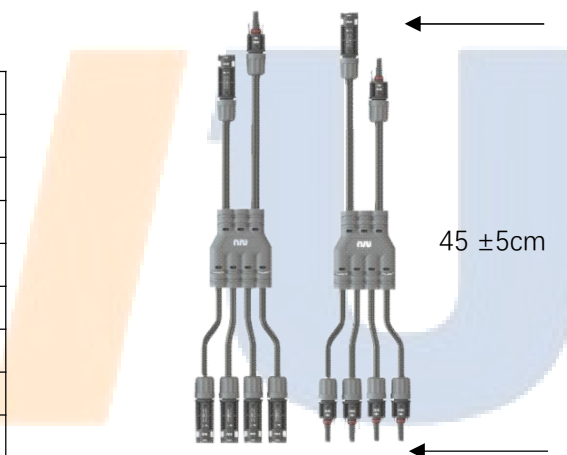
Product Overview 产品概述

NIU Power 5B1 Branch use high quality materials that guarantee long-term reliability. Lower contact resistance and higher current transfer capability ensure high product efficiency. NIU Power 5B1 Branch have IP68 water-proof rating and can be used in a wide operating temperature range from -40 °C to 85 °C.

H-5B1 系列光伏汇流线束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。正负极一体式设计大幅简化了安装，美化了布线。较小的接触电阻和更大电流传输能力保障了产品长期使用的可靠性。产品符合 IP68 额定标准且具有宽泛的环境适用范围。客户应根据输出电流规格选定合适的产品型号。

Technical Data 技术参数

Rated Voltage	IEC 1500V\UL1500V
Rated Current	Max 70A
Ambient temperature	-40 °C up to +85 °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 产品型号

Part No.	Cable Spec	Current / A	Package	Connector
H-5B1-0204	Input:5x14Awg/2.5mm² Output:12Awg/4mm²	Input: ≤25A*5 Output: ≤40A*1	10 pairs / Carton	DEFAULT: A4 Max Solar Connector Option: Other solar connectors
H-5B1-5F1M-0204				
H-5B1-5M1F-0204				
H-5B1-0410	Input:5x12Awg/4mm² Output:8Awg/10mm²	Input: ≤35A*5 Output: ≤50A*1	10 pairs / Carton	
H-5B1-5F1M-0410				
H-5B1-5M1F-0410				
H-5B1-0416	Input:5x12Awg/4mm² Output:6Awg/16mm²	Input: ≤35A*5 Output: ≤70A*1	10 pairs / Carton	
H-5B1-5F1M-0416				
H-5B1-5M1F-0416				

Remark: H series harnesses use high quality weather resistance materials that guarantee long-term reliability. H series Harnesses could match 2.5 mm² to 240 mm² cables, it could be widely used in different applications. H series harnesses have IP68 water-proof rating and can be used in a wide operating temperature range from -40 °C to 85 °C.

