

Solar B-Y Branch Harness

光伏 Y 型分支汇流线束



IEC 1000V
UL 1000V



UL94-V0



-40℃~85℃



IP 67

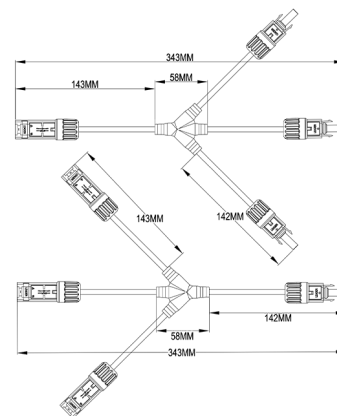


Product Overview 产品概述

LEADER BY-31 Branch use high quality materials that guarantee long-term reliability. H-Y use welding technology to ensure connection's long term reliability. Lower contact resistance and higher current transfer capability ensure high product efficiency. LEADER BY-31 Branch have IP67 water-proof rating and can be used in a wide operating temperature range from -40 °C to 85°C. SY-BY31-AB 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。采用专利焊接工艺，保障了线缆连接的长期可靠性。较小的接触电阻和更大电流传输能力保障较小的连接耗损。产品符合 IP67 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。客户应根据输出最大输出电流选定适用的产品。

Technical Data 技术参数

Rated Voltage 额定电压	1000V
Rated Current 额定电流	Max 30A
Ambient temperature	-40℃ up to +85℃
Contact Resistance	≤0.05mΩ
Pollution Degree	Class II
Protection Degree	Class II
Fire Resistance	UL94-V0
Rated Impulse Voltage	16KV



Order Data 产品型号

型号 Type.	线缆规格 Cable Spec	额定电流 Junction Current/ A	连接器 Connector	Standard Package Unit
B-Y-0404	Input: 3x12Awg/4mm ² Output: 1x12Awg/4mm ²	String Input: ≤35A ^{*1} Output: ≤35A ^{*1}	PV-BN101A PV-BN101	50 pairs / Carton
B-Y-2F1M-0404				50 pcs / package
B-Y-2M1F-0404				50 pcs / package
B-Y-0606	Input: 3x10Awg/6mm ² Output: 1x10Awg/6mm ²	String Input: ≤50A ^{*1} Output: ≤50A ^{*1}	PV-BN101A PV-BN101	50 pairs / Carton
B-Y-2F1M-0606				50 pcs / package
B-Y-2M1F-0606				50 pcs / package
B-Y-1010	Input: 3x10Awg/6mm ² Output: 1x8Awg/10mm ²	String Input: ≤50A ^{*1} Output: ≤70A ^{*1}	PV-BN101A PV-BN101	50 pairs / Carton
B-Y-2F1M-1010				50 pcs / package
B-Y-2M1F-1010				50 pcs / package

Remark 1: 表中额定电流主要受到线缆和连接器限制。每路输入电流不允许大于上表中最大支路电流，总的输出电流不允许大于上表中最大输出电流。

The final product rated current is restricted by cables and connectors. Every input current can't be more than the maximum string rated current and the total output current can't be more than the maximum output current.

