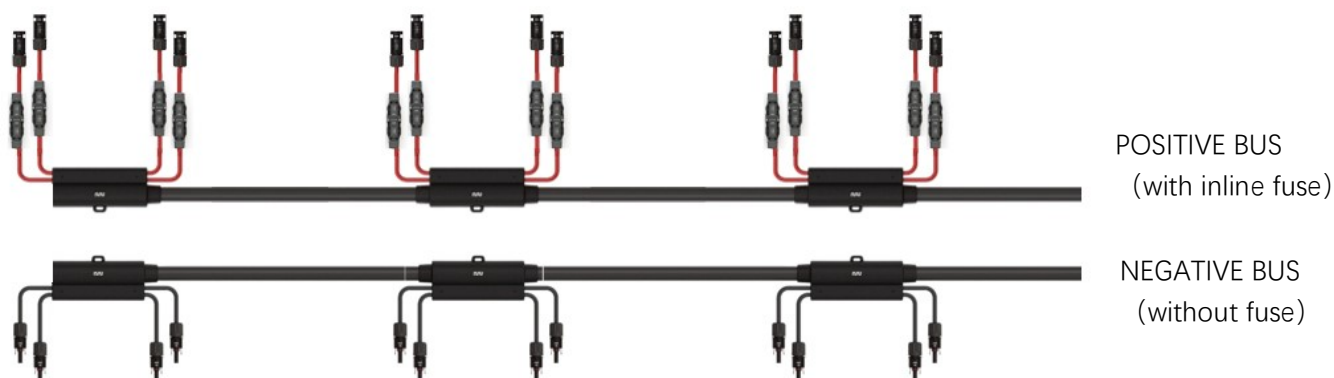


OVERVIEW

H6 Galaxy Series integrated confluence products, using high-quality welding process to ensure the reliability of electrical connections. At the same time, the fire-retardant and weather-resistant adhesive sealing process is adopted to ensure the 30-year service life requirement of the product in the outdoor exposed environment. The products adopts a number of patented technologies, including but not limited to copper-aluminum transition composite process parts, wire welding process, cable fastening process and adhesive sealing process.



TECHNICAL SPEC

ITEM		SPEC
额定电压	RATED VOLTAGE	DC 1500V
执行标准	STANDARD	IEC62852
防水等级	IP WATERPROOF	IP68 (1m, 1h)
阻燃等级	Flame Retardant Rating	UL94-V0
每个支路额定电流	String Input Current Max	≤40A for every input string
母线额定电流	BUS Current Max	REFER BELOW TABLE
使用寿命	LIFE	≥30years

MATERIAL SPEC

PART	MATERIAL	SPEC	STANSAERD
BUS Cable	1X150mm ² DC1500V Al Alloy	DC 1500V, I: ≤300A, R≤0.206 Ω/km@20℃	2FPG 2642
	1X185mm ² DC1500V Al Alloy	DC 1500V, I: ≤360A, R≤0.164 Ω/km@20℃	
	1X240mm ² DC1500V Al Alloy	DC 1500V, I: ≤480A, R≤0.12 Ω/km@20℃	
FUSE	Solar Inline Fuse	Voltage:DC 1500V/Current:Follow PV Panel Spec	IEC 60947 &IEC62852
	QTY	QTY of Strings	
STRING Cable	1X4 mm ² DC1500V Copper Cable	DC1500V, ≤40A	IEC 62930
CONNECTOR	MC4-EV02 or Compatible	DC1500V, ≤40A	IEC62852

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.

