

Building Integrated

S610BIP

BEHAVIOUR UNDER STANDARD TEST CONDITIONS (1000 W/M² - 25°C)

cells	Product code	Pmax (W)	Voc (V)	Vmp (V)	Isc (A)	Imp (A)	Eff. (%)
60	S610BIP-235	235	36.61	29.17	8.61	8.05	13.47
	S610BIP-240	240	36.85	29.51	8.65	8.13	13.76
	S610BIP-245	245	37.17	29.76	8.77	8.23	14.04
	S610BIP-250	250	37.54	30.03	8.83	8.32	14.33

For aesthetic features refer to the picture.

Mechanical characteristics	S610BIP
Cell type	Polycrystalline silicon, 3 bus bar
Cell dimensions (mm)	156x156
Module dimensions LxWxH (mm)	1707x1022x16
External frame	Aluminium
Weight (Kg)	21
Junction box	Protection Class IP65
By-pass diodes	3
Cables	Wire section 4 mm ² , Length 2 m (MC4)
Glass	Temperated ARC glass 4 mm

Other electrical characteristics	S610BIP
NOCT (°C)	43.2
Thermal variation for short circuit current (%/°C)*	0.042
Thermal variation for vacuum voltage (%/°C)	-0.335
Thermal variation for maximum power (%/°C)*	-0.454
Performance tolerance (W)	-0/+4
Max. system voltage (V)	1000

* Measured by Fraunhofer ISE



STRUCTURE

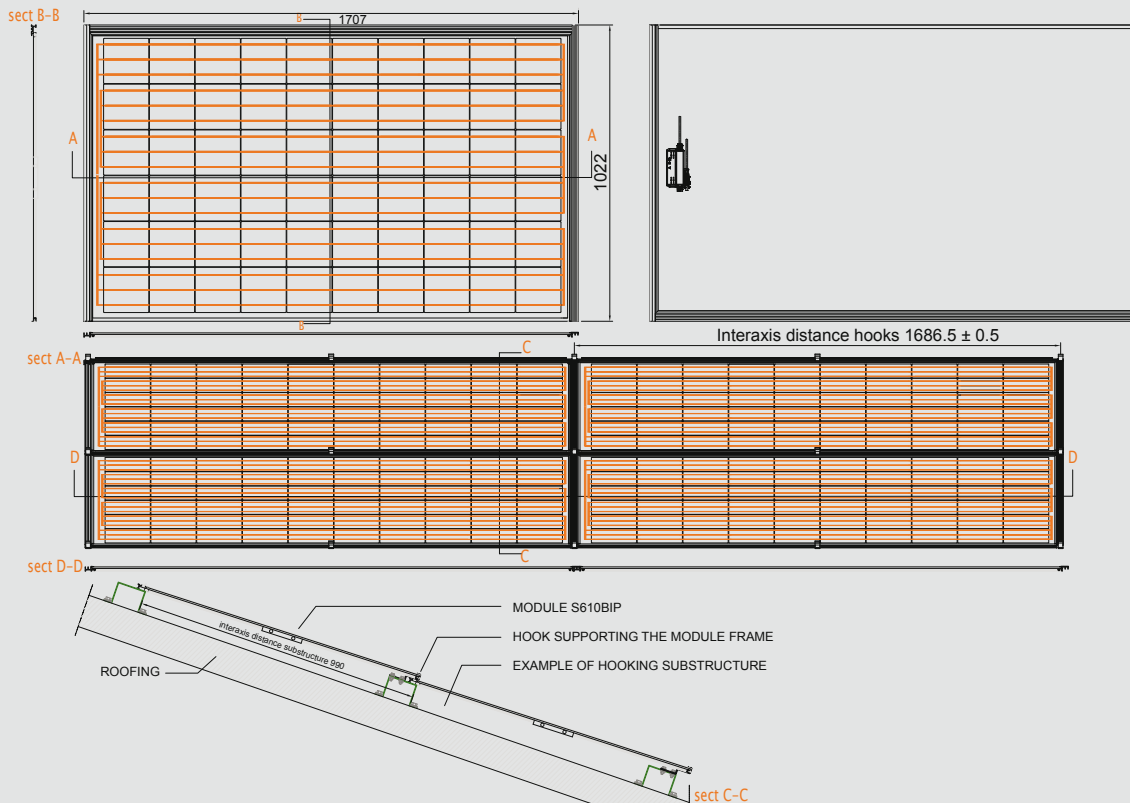
- Protective ARC (Anti Reflective Coating) glass for maximum performance, thickness 4 mm
- Cells encapsulated in high quality EVA (ethylene vinyl acetate)
- High performance impermeable backsheet

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TECHNICAL DRAWINGS (Dimensions mm)

S610BIP



Technical drawings are exclusive property of Solsonica according to the regulations in force.

WARRANTIES

- 12 years product warranty*
- 25 years linear power output warranty: 2.5% derating in first year, 0.7% annual derating in the following 24 years
- * The warranty will not apply if the modules are not installed as indicated in the operating manual.

CERTIFICATIONS

- IEC 61215
- IEC 61730
- MADE IN EU: Factory inspection certification

