

Silver Plus Mono

S610SPM

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 | S610SPM-255 | 255 | 37.57 | 30.57 | 8.87 | 8.30 | 15.36 |
| | S610SPM-260 | 260 | 37.79 | 30.82 | 8.96 | 8.40 | 15.67 |
| | S610SPM-265 | 265 | 38.01 | 31.06 | 9.04 | 8.50 | 15.97 |

For aesthetic features refer to the picture.

| Mechanical characteristics | S610SPM |
|------------------------------|---|
| Cell type | Monocrystalline silicon pseudo square, 3 bus bar |
| Cell dimensions (mm) | 156x156 |
| Module dimensions LxWxH (mm) | 1663x998x35 |
| External frame | Aluminium |
| Weight (Kg) | 21.4 |
| Junction box | Protection Class IP65 |
| By-pass diodes | 3 |
| Cables | Wire section 4 mm ² , Length 2 m (MC4) |
| Glass | Tempered ARC glass 4 mm |

| Other electrical characteristics | S610SPM |
|--|---------|
| NOCT (°C) | 43.17 |
| Thermal variation for short circuit current (%/°C) | 0.052 |
| Thermal variation for vacuum voltage (%/°C) | -0.325 |
| Thermal variation for maximum power (%/°C) | -0.443 |
| Performance tolerance (W) | -0/+4 |
| Max. system voltage (V) | 1000 |



STRUCTURE

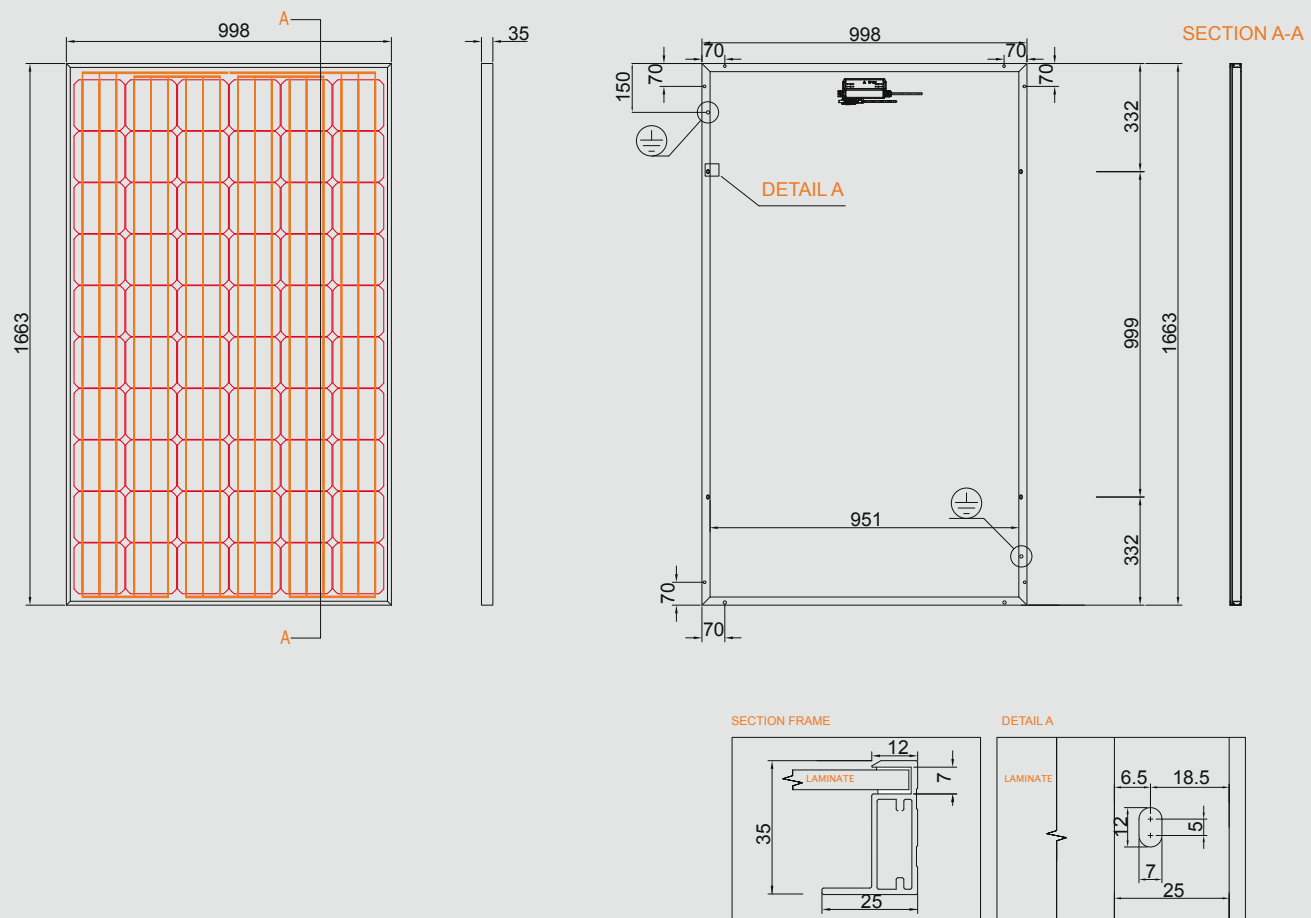
- Protective ARC (Anti Reflective Coating) glass for maximum performance, thickness 4 mm
- Cells encapsulated in high quality EVA (ethylene vinyl acetate)
- High performance impermeable backsheet

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TECHNICAL DRAWINGS (Dimensions mm)

S610SPM



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

WARRANTIES

- 12 years product warranty*
- 25 years linear power output warranty: 3.5% 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
- CEI EN 61701: 2000 - Salt mist corrosion test
- TUV Protocol - Ammonia resistance test
- FIRE TEST according to RETEST GUIDELINE

