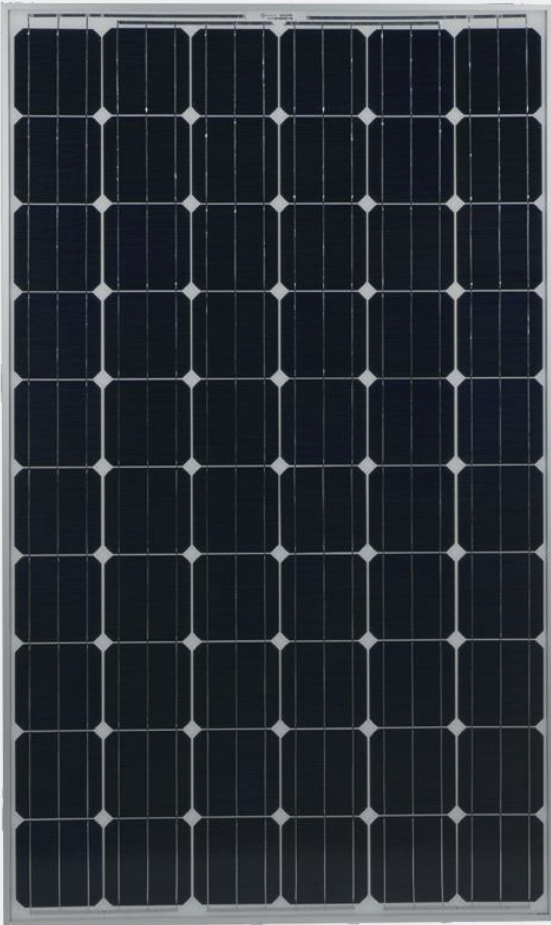


Silver Plus Mono

S610SPM-SERIES SW



KEY FEATURES

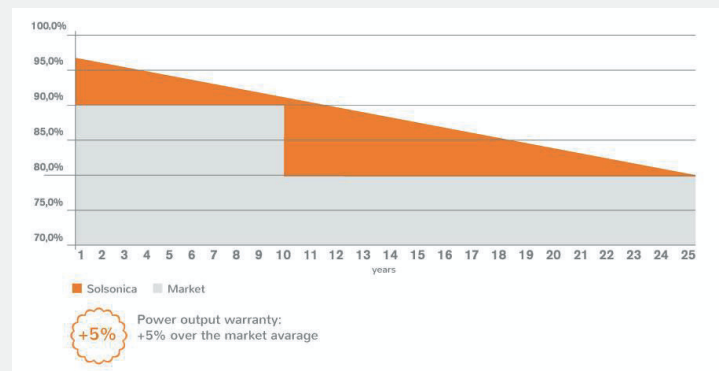
- ☀️ “Made in Europe” Quality
- ☀️ 12-year Product Warranty*
- ☀️ Positive power tolerance
- ☀️ High resistance to wind and snow loads
- ☀️ Low value of NOCT for optimal performance

CERTIFICATIONS

- ☀️ “PID free test” IEC 82/685/NP
- ☀️ Salt mist corrosion test IEC 61701
- ☀️ Ammonia resistance test TUV protocol
- ☀️ “Made in EU” as result of factory inspection
- ☀️ IEC 61215 / IEC 61730



LINEAR PRODUCIBILITY WARRANTY*



25 years linear producibility warranty:
3.5% power degradation in the first year, 0.7% per annum over the 24 subsequent.

* Warranties do not apply if the modules are not installed as described in the PV Modules Use and Maintenance Manual.

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S610SPM-SERIES SW



ELECTRICAL PARAMETERS

| STC* | Pmax | Vmp | Imp | Voc | Isc | Eff. |
|--------------|------|-------|------|-------|------|-------|
| Product Code | (W) | (V) | (A) | (V) | (A) | (%) |
| S610SPM-265 | 265 | 31.06 | 8.50 | 38.01 | 9.04 | 16.02 |
| S610SPM-270 | 270 | 31.23 | 8.64 | 38.17 | 9.16 | 16.32 |
| S610SPM-275 | 275 | 31.39 | 8.77 | 38.33 | 9.28 | 16.62 |
| S610SPM-280 | 280 | 31.56 | 8.87 | 38.49 | 9.40 | 16.93 |

* STC: Irradiation 1000W/m², AM 1.5, Module Temperature 25 ° C

ELECTRICAL PARAMETERS AT NOCT**

| NOCT | Pmax | Vmp | Imp | Voc | Isc |
|--------------|-------|-------|------|-------|------|
| Product Code | (W) | (V) | (A) | (V) | (A) |
| S610SPM-265 | 194.4 | 28.58 | 6.80 | 35.79 | 7.32 |
| S610SPM-270 | 198.6 | 28.74 | 6.91 | 35.94 | 7.41 |
| S610SPM-275 | 202.7 | 28.89 | 7.02 | 36.09 | 7.51 |
| S610SPM-280 | 206.3 | 29.04 | 7.10 | 36.24 | 7.61 |

** NOCT: in Nominal Operating conditions (800W/m², T 20 °C, Wind speed 1 m/s)

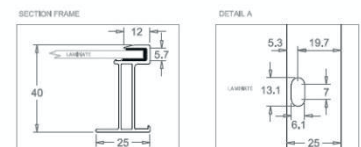
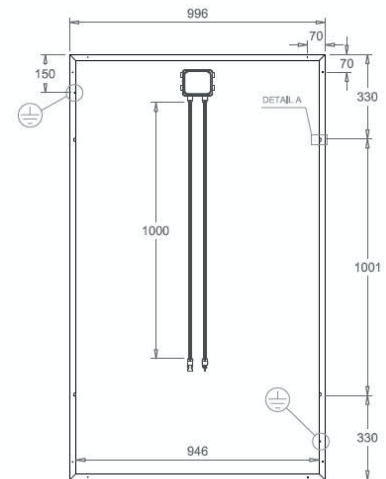
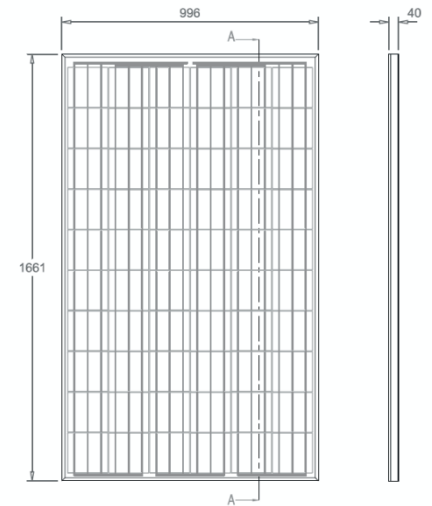
THERMAL, ELECTRICAL AND MECHANICAL PROPERTIES

| | |
|-----------------------------------|---------------|
| Power tolerance (W) | 0 / +4 |
| NOCT (°C) | 43 ± 2 |
| Isc Thermal Coefficient (%/°C) | 0.052 |
| Voc Thermal Coefficient (%/°C) | -0.325 |
| Pmax Thermal Coefficient (%/°C) | -0.443 |
| Maximum system voltage (V) | 1000 |
| Reverse Current Limit (A) | 15 |
| Maximum front load (Pa) | 5400 |
| Maximum back load (Pa) | 2400 |
| Hail resistance (diameter, speed) | 25 mm, 23 m/s |

DESIGN FEATURES

| | |
|------------------------|--------------------------------------|
| Cell type | Mono-crystalline silicon / 3 bus bar |
| Cell size (mm) | Pseudo-square 156 x 156 |
| Module size LxHxW (mm) | 1661 x 996 x 40 |
| Frame | Anodized aluminum |
| Weight (kg) | 19 |
| Junction box | Protection Class IP65 |
| By-pass diodes | 3 |
| Cable (2x) | 1 m / 4 mm ² |
| Connectors | MC4 compatible |
| Glass | Tempered / 3.2 mm |

TECHNICAL DRAWINGS (dimensions in mm)



NOTES:

- This technical datasheet complies with requirements of standard EN 503801
- GALA Tech reserves the right to make changes to product specifications
- Technical drawings are exclusive property of GALA Tech according to the regulations in force