



S-Class Vision 60 balance

Polycrystalline, 240 Wp - 260 Wp

Maximum performance for a lifetime



Performance guarantee: less degradation than the industry standard

- 30 years linear performance guarantee (98-87% after 30 years)
- 25% more guaranteed power yield
- PID free high-performance cells
- Anti reflective coated, high light-transmittance solar glass
- Best low-light behaviour



20 years product guarantee: Long Lifetime even under extreme conditions

- 2x2mm, scratch-resitant thermally hardened thin glass
- Glass-glass composite technology minimises impact of environmental factors
- Cells in neutral phase are especially protected against tensile and pressure loads
- Excellent mechanical load resistance (6,600Pa)



Complementary: flexible and simple installation

- Light weight
- Extended clamping areas
- Landscape, portrait and upside down installation possible
- Complementary to leading mounting systems
- Fire protection: Tested in accordance with DIN ENV 1187 (t1)



Slight colour variation of modules is possible due to specific conditions in production.

For detailed information, please consult the Centrosolar AG warranty conditions.



S-Class Vision 60 balance, polycrystalline

Performance under STC*

| Module type | S 240P60 Vision balance | S 245P60 Vision balance | S 250P60 Vision balance | S 255P60 Vision balance | S 260P60 Vision balance | |
|-----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----|
| Nominal power (Pmpp) | 240 | 245 | 250 | 255 | 260 | Wp |
| Short-circuit current (Isc) | 8.72 | 8.83 | 8.91 | 8.99 | 9.07 | A |
| Open-circuit voltage (Uoc) | 37.32 | 37.49 | 37.62 | 37.69 | 37.79 | V |
| Voltage (Umpp) | 29.4 | 29.55 | 29.73 | 29.87 | 30.06 | V |
| Current (Impp) | 8.17 | 8.30 | 8.41 | 8.54 | 8.65 | A |
| Efficiency η | 14.6 | 14.8 | 15.1 | 15.4 | 15.7 | % |

* Under Standard Test Conditions (STC) (1,000 W/m², spectrum AM 1.5, cell temperature 25°C), measurement tolerances STC: $\pm 3\%$ (Pmpp); $\pm 10\%$ (Isc, Uoc, Impp, Umpp)

Power at 800 W/m², NOCT, AM 1.5

| Module type | S 240P60 Vision balance | S 245P60 Vision balance | S 250P60 Vision balance | S 255P60 Vision balance | S 260P60 Vision balance | |
|-----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----|
| Nominal power (Pmpp) | 179.65 | 183.50 | 187.09 | 190.93 | 194.60 | Wp |
| Short-circuit current (Isc) | 7.02 | 7.11 | 7.17 | 7.23 | 7.30 | A |
| Open-circuit voltage (Uoc) | 35.12 | 35.28 | 35.39 | 35.44 | 35.53 | V |
| Voltage (Umpp) | 27.60 | 27.74 | 27.91 | 28.03 | 28.19 | V |
| Current (Impp) | 6.51 | 6.61 | 6.70 | 6.81 | 6.90 | A |

Thermal properties

| | | |
|---------|------------|-----|
| TC Pmpp | -0.43 | %/K |
| TC Uoc | -0.35 | %/K |
| TC Isc | 0.03 | %/K |
| NOCT | 46 \pm 2 | °C |

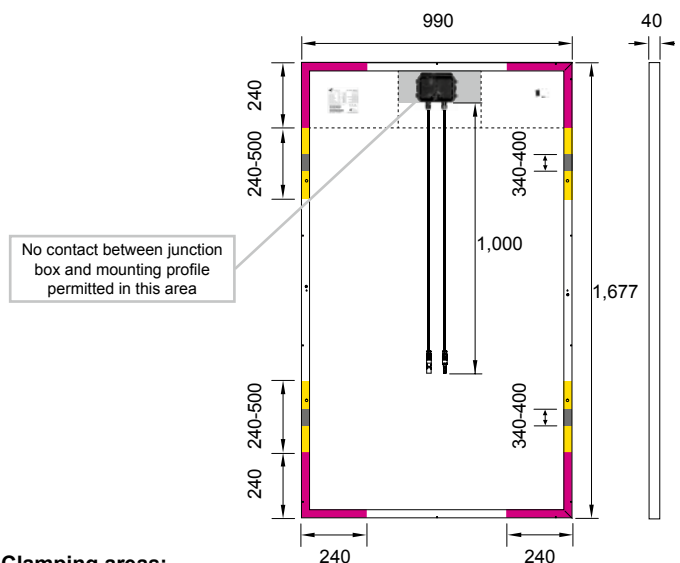
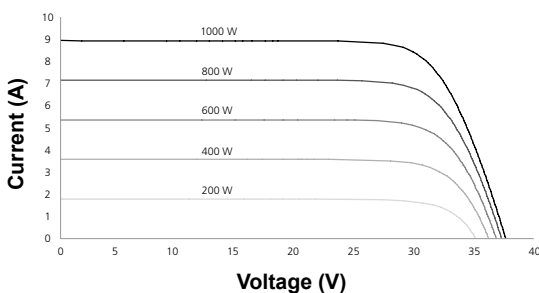
Other technical specifications

| | | |
|---|----------------|-----|
| Class range (positive power classification) | -0/+4.99 | W |
| Max. system voltage | 1,000 | V |
| Weight | 22.0 \pm 0.5 | kg |
| Reverse current load IR | 15 | A |
| Frame height | 40 | mm |
| Number of bypass diodes in connector | 3 | pcs |

Materials used

| | |
|-----------------|--|
| Cell count | 60 |
| Cell dimensions | 156 mm x 156 mm |
| Front side | Hardened anti-reflective glass, 2.0 mm |
| Back side | Hardened solar glass, 2.0 mm |
| Junction box | IP65 |

I-V Curve S 250P60 Vision balance



Clamping areas:

- Approved up to 2,400 Pa
- Approved up to 5,400 Pa
- Approved up to 6,600 Pa