



Vision frameless

Polycrystalline, 250 – 260 Wp

Maximum performance for a lifetime



Performance guarantee: degradation significantly below industry standard

- ✓ 30 year linear performance guarantee (min 85% after 30 years)
- ✓ 25% more guaranteed power yield
- ✓ PID free high-performance cells
- ✓ Anti-reflective coated, high light-transmitting solar glas
- ✓ Best low-light behavior



20 year product guarantee:

Long lifetime even under extreme conditions

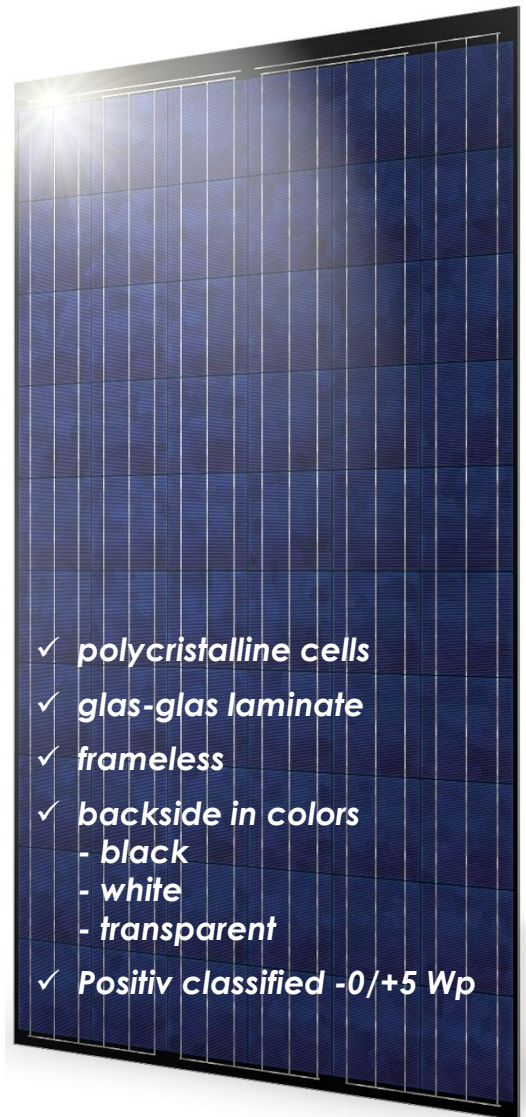
- ✓ 2x2 mm, scratch-resistant thermally hardened thin glas
- ✓ Glas-glas composite technology minimizes impact of environmental factors
- ✓ Cells in neutral phase are especially protected against tensile and pressure loads



Complementary:

flexible and simple installation

- ✓ Even lighter than regular glas-glas modules
- ✓ Manufactured in the CS Wismar factory, certified in accordance with DIN EN ISO 9001:2008, ISO 14001:2009 and OHSAS 18001:2007
- ✓ Design qualification and type approval according to IEC 61215
- ✓ Photovoltaic module safety qualification according to IEC 61730
- ✓ Fire protection: tested in accordance with DIN ENV 1187 (t1)



* For detailed information, please consult the CS Wismar GmbH warranty conditions



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Performance under STC*

Module type	Vision 250PFL60 frameless	Vision 255PFL60 frameless	Vision 260PFL60 frameless
Nominal power (P_{mpp})	250 W	255 W	260 W
Open-circuit voltage (U_{oc})	37.62 V	37.69 V	37.79 V
Voltage (U_{mpp})	29.73 V	29.87 V	30.06 V
Current (I_{mpp})	8.41 A	8.54 A	8.65 A
Short-circuit current (I_{sc})	8.91 A	8.99 A	9.07 A
Efficiency η	15.2 %	15.5 %	15.8 %

*Under Standard Test Conditions (STC) (1,000 W/m², spectrum AM 1.5, cell temperature 25°C), measurement tolerances STC: ±3% (P_{mpp}); ± 10% (I_{sc} , U_{oc} , I_{mpp} , U_{mpp})

Power at 800 W/m², NOCT, AM 1.5

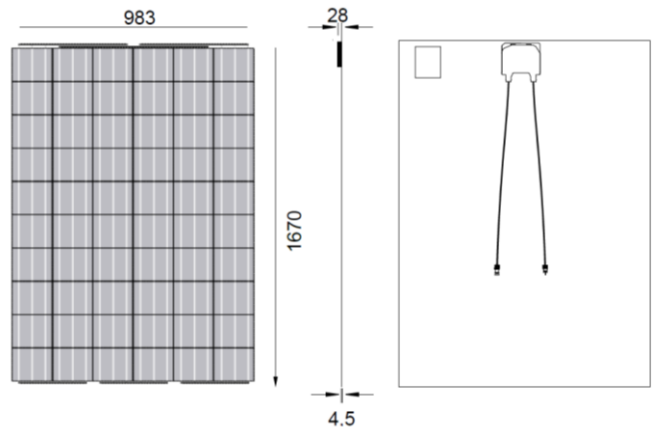
Modul type	Vision 250PFL60 frameless	Vision 255PFL60 frameless	Vision 260PFL60 frameless
Nominal power (P_{mpp})	187 W	191 W	195 W
Short-circuit current (I_{sc})	7.17 A	7.23 A	7.30 A
Open-circuit voltage (U_{oc})	35.39 V	35.44 V	35.53 V
Voltage (U_{mpp})	27.91 V	28.03 V	28.19 V
Current (I_{mpp})	6.70 A	6.81 A	6.90 A

Thermal properties

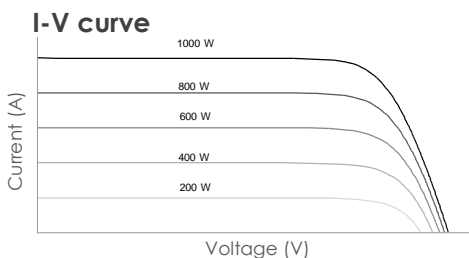
TC P_{mpp}	-0.43 %/K
TC U_{oc}	-0.35 %/K
TC I_{sc}	0.03 %/K
NOCT	46 ± 2 °C

Other technical specification

Positive power classification	-0/+4.99 W
Max. system voltage	1000 V
Weight	19.0 ± 0.5 kg
Reverse current load IR	15 A
Laminate thickness	4.5 mm
Number of bypass diodes in connector	3 pcs
Junction box	IP65



Measurements in mm



Updated 05/2016. All information is supplied without guarantee. Technical changes reserved

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