



S-Class Vision 54

Polycrystalline, 215 Wp – 230 Wp

Maximum performance for a lifetime



Industry-leading performance guarantee

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



20 years product guarantee: Long Lifetime even under extreme conditions

- 2x2,6 mm, scratch-resistant thermally hardened thin glass
- Glass-glass composite technology minimises impact of environmental factors
- Cells in neutral axis are especially protected against tensile and pressure loads
- Excellent mechanical load resistance (7.700 Pa in combination with ESTETIQ elegance)



Compatibility: flexible and simple installation

- Light weight
- Fire protection: Tested in accordance with DIN ENV 1187 (t1)



* In comparison to standard glass/foil modules under the same conditions, over the same entire industry-standard warranty period.

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

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



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Performance under STC*

Module type	S 215P54 Vision	S 220P54 Vision	S 225P54 Vision	S 230P54 Vision	
Nominal power (Pmpp)	215	220	225	230	Wp
Short-circuit current (Isc)	8.82	8.88	8.94	9.02	A
Open-circuit voltage (Uoc)	33.57	33.63	33.75	33.95	V
Voltage (Umpp)	26.29	26.67	26.97	27.21	V
Current (Impp)	8.18	8.25	8.35	8.46	A
Efficiency η	14.6	15.0	15.3	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 215P54 Vision	S 220P54 Vision	S 225P54 Vision	S 230P54 Vision	
Nominal power (Pmpp)	160.86	164.28	168.04	171.46	Wp
Short-circuit current (Isc)	7.10	7.15	7.19	7.24	A
Open-circuit voltage (Uoc)	31.62	31.67	31.78	31.97	V
Voltage (Umpp)	24.71	25.02	25.27	25.64	V
Current (Impp)	6.51	6.57	6.65	6.69	A

Thermal properties

TC Pmpp	-0.45	%/K
TC Uoc	-0.36	%/K
TC Isc	0.028	%/K
NOCT	46 \pm 2	°C

Materials used

Cell count	54
Cell dimensions	156 mm x 156 mm
Front side	Hardened anti-reflective glass, 2.6 mm
Back side	Hardened solar glass, 2.6 mm
Junction box	IP65

Other technical specifications

Class range (positive power classification)	-0/+4.99	W
Max. system voltage	1000	V
Weight	21 \pm 0.5	kg
Reverse current load IR	15	A
Pmpp measurement accuracy at STC	± 3	%
Laminate thickness	6	mm
Number of bypass diodes in connector	3	pcs

I-V Curve S 225P54 Vision

