

S-Class Professional

240 Wp ■ 245 Wp ■ 250 Wp

The premium solution for professional use

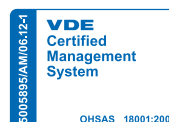
- Manufactured completely in Germany at the CENTROSOLAR factory, certified in accordance with DIN EN ISO 9001:2008, 14001:2009 and OHSAS 18001
- Salt spray corrosion tested according to IEC 61701 Ed. 2
- Ammonia resistant according to IEC 62716 Draft C
- Highest yields even under diffuse light conditions
- Up to 5,400 Pa load
- Frost resistant frame construction
- Multiple award-winning anti-reflective glass*
- Positive power classification
- Ten-year product warranty**
- 26-year linear performance warranty**



* Slight colour variation of panels is possible due to specific conditions in production.
 ** For detailed information, please consult the Centrosolar AG warranty conditions.



- Qualified, IEC 61215
- Safety tested, IEC 61730
- Heavy Snow Load tested
- Ammonia resistance tested
- Salt corrosion resistance tested
- ANSI/UL 1703 listed
- Periodic inspection



S-Class Professional, polycrystalline

Performance under STC*

Panel type	S 240P60	S 245P60	S 250P60	
Rated power (Pmpp)	240	245	250	Wp
Short-circuit current (Isc)	8.72	8.83	8.91	A
Open-circuit voltage (Uoc)	37.32	37.49	37.62	V
Voltage (Umpp)	29.4	29.55	29.73	V
Current (Impp)	8.17	8.30	8.41	A
Efficiency η	14.6	14.9	15.2	%

* 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

Panel type	S 240P60	S 245P60	S 250P60	
Rated power (Pmpp)	179.65	183.50	187.09	Wp
Short-circuit current (Isc)	7.02	7.11	7.17	A
Open-circuit voltage (Uoc)	35.12	35.28	35.39	V
Voltage (Umpp)	27.60	27.74	27.91	V
Current (Impp)	6.51	6.61	6.70	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 classification)	-0/+4.99	W
Max. system voltage	1,000	V
Weight	20 \pm 0.5	kg
Reverse current load IR	15	A
Pmpp measurement accuracy at STC	± 3	%
Frame height	40	mm

Materials used

Cell count	60
Cell dimensions	156 mm x 156 mm
Front side	Hardened solar glass
Connector	IP65

I-V curve S 250P60 Professional

