

# S-Class Professional

Polycrystalline, 245 - 260Wp

Powerful. Reliable. Versatile.

### Flexible and simple installation:

- Extended clamping areas
- Upside down installation possible\*
- Up to 5,400 Pa load

### Optimised for power:

- Anti-reflective glass ensures high yields even under diffuse irradiation
- Positive power classification
- Industry-leading NOCT values
- 100% PID safe

### Warranty and safety:

- Manufactured in the CENTROSOLAR factory, certified in accordance with DIN EN ISO 9001:2008, ISO 14001:2009 and OHSAS 18001:2007
- Salt spray corrosion testing according to IEC 61701 Ed. 2
- Ammonia resistance testing according to IEC 62716 Draft C
- 10-year product warranty\*\*
- 26-year linear performance guarantee\*\*



**New!**

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

\* This is approved from module serial number 2564702

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



## S-Class Professional, polycrystalline

### Performance at STC\*

Module type	S 245P60 Professional	S 250P60 Professional	S 255P60 Professional	S 260P60 Professional	
Nominal power (Pmpp)	245	250	255	260	Wp
Short-circuit current (Isc)	8.83	8.91	8.99	9.07	A
Open-circuit voltage (Uoc)	37.49	37.62	37.69	37.79	V
Voltage (Umpp)	29.55	29.73	29.87	30.06	V
Current (Impp)	8.30	8.41	8.54	8.65	A
Efficiency $\eta$	14.9	15.2	15.5	15.8	%

\* Under Standard Test Conditions (STC) (1,000 W/m<sup>2</sup>, spectrum AM 1.5, cell temperature 25°C), measurement tolerances STC:  $\pm 3\%$  (Pmpp);  $\pm 10\%$  (Isc, Uoc, Impp, Umpp)

### Power at 800 W/m<sup>2</sup>, NOCT, AM 1.5

Module type	S 245P60 Professional	S 250P60 Professional	S 255P60 Professional	S 260P60 Professional	
Nominal power (Pmpp)	183.50	187.09	190.93	194.60	Wp
Short-circuit current (Isc)	7.11	7.17	7.23	7.30	A
Open-circuit voltage (Uoc)	35.28	35.39	35.44	35.53	V
Voltage (Umpp)	27.74	27.91	28.03	28.19	V
Current (Impp)	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

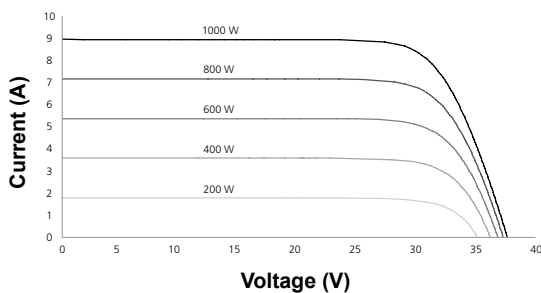
### Other technical specifications

Class range (positive power classification)	-0/+4.99	W
Max. system voltage	1,000	V
Weight	19 $\pm$ 0.5	kg
Reverse current load IR	15	A
Pmpp measurement accuracy under STC	$\pm 3$	%
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; 3,2 mm
Junction box	IP65

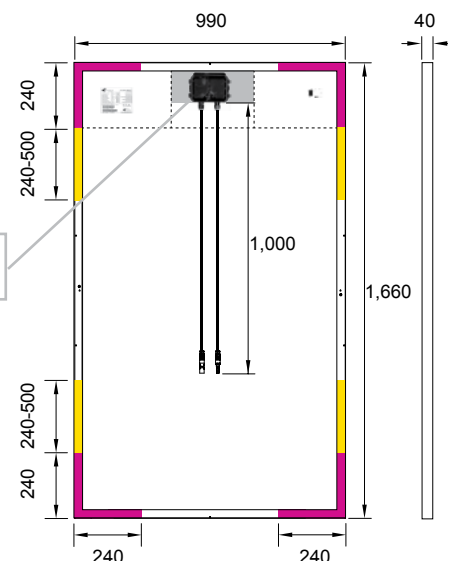
### I-V curve S 250P60 Professional



No contact between junction box and mounting profile permitted in this area

### Clamping areas:

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



Measurements in mm