

# S-Class Professional

Monocrystalline, 245 - 265Wp

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, monocrystalline

### Performance at STC\*

Module type	S 245M60 Professional	S 250M60 Professional	S 255M60 Professional	S 260M60 Professional	S 265M60 Professional	
Nominal power (Pmpp)	245	250	255	260	265	Wp
Short-circuit current (Isc)	8.72	8.83	8.90	8.97	9.04	A
Open-circuit voltage (Uoc)	37.43	37.57	37.69	37.75	37.84	V
Voltage (Umpp)	29.98	30.17	30.48	30.73	31.01	V
Current (Impp)	8.18	8.30	8.37	8.47	8.55	A
Efficiency $\eta$	14.9	15.2	15.5	15.8	16.1	%

\* 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 245M60 Professional	S 250M60 Professional	S 255M60 Professional	S 260M60 Professional	S 265M60 Professional	
Nominal power (Pmpp)	182.95	186.79	190.10	193.84	197.29	Wp
Short-circuit current (Isc)	7.02	7.11	7.16	7.22	7.27	A
Open-circuit voltage (Uoc)	35.22	35.35	35.47	35.52	35.60	V
Voltage (Umpp)	28.08	28.24	28.50	28.71	28.95	V
Current (Impp)	6.52	6.61	6.67	6.75	6.82	A

### Thermal properties

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

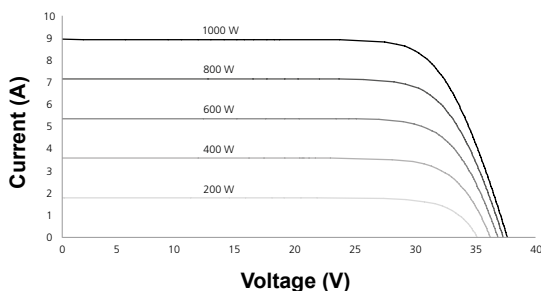
### Other technical specifications

Class range (positive power classification)	-0/+4.99	W
Max. system voltage	1,000	V
Weight	20 $\pm$ 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
Junction box	IP65

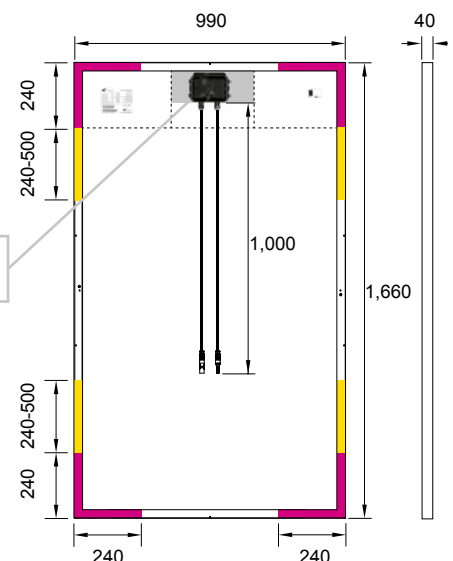
### I-V curve S 250M60 Professional



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

### Clamping areas:

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



Measurements in mm