

S-Class Professional black

Monocrystalline, 245 - 260Wp

Powerful. Attractive. Versatile.

Improved appearance:

- Elegant and attractive design with black back side and black frame

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**

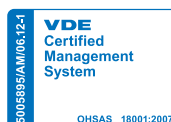


New!

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 black, monocrystalline

Performance at STC*

Module type	S 245M60 Professional black	S 250M60 Professional black	S 255M60 Professional black	S 260M60 Professional black	
Nominal power (P _{mpp})	245	250	255	260	Wp
Short-circuit current (I _{sc})	8.72	8.83	8.90	8.97	A
Open-circuit voltage (U _{oc})	37.43	37.57	37.69	37.75	V
Voltage (U _{mpp})	29.98	30.17	30.48	30.73	V
Current (I _{mpp})	8.18	8.30	8.37	8.47	A
Efficiency η	14.9	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: $\pm 3\%$ (P_{mpp}); $\pm 10\%$ (I_{sc}, U_{oc}, I_{mpp}, U_{mpp})

Power at 800 W/m², NOCT, AM 1.5

Module type	S 245M60 Professional black	S 250M60 Professional black	S 255M60 Professional black	S 260M60 Professional black	
Nominal power (P _{mpp})	182.95	186.79	190.10	193.84	Wp
Short-circuit current (I _{sc})	7.02	7.11	7.16	7.22	A
Open-circuit voltage (U _{oc})	35.22	35.35	35.47	35.52	V
Voltage (U _{mpp})	28.08	28.24	28.50	28.71	V
Current (I _{mpp})	6.52	6.61	6.67	6.75	A

Thermal properties

TC P _{mpp}	-0.43	%/K
TC U _{oc}	-0.35	%/K
TC I _{sc}	0.03	%/K
NOCT	46 \pm 2	°C

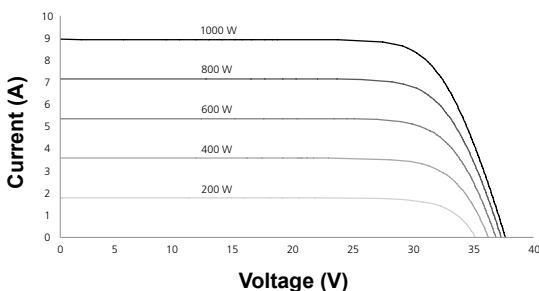
Other technical specifications

Class range (positive power classification)	-0/+4.99	W
Max. system voltage	1,000	V
Weight	19 \pm 0.5	kg
Reverse current load I _R	15	A
P _{mpp} measurement accuracy under STC	± 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

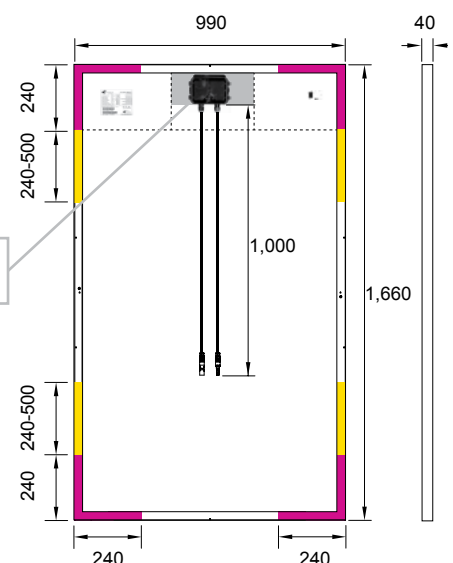
I-V curve S 250M60 Professional black



Clamping areas:

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

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



Measurements in mm

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