

Sterling SS MONO 260 AB – Black



ELECTRICAL CHARACTERISTICS

SS MONO 260 AB

Performed at STC: Irradiance 1000 W/m², module temperature 25°C, spectrum at air-mass AM 1.5

Nominal power @ STC (P _{MAX})	260 W
Tolerance (P _{MAX})	± 3%
Voltage @ maximum power point (V _{MPP})	31.8 V
Current @ maximum power point (I _{MPP})	8.3 A
Open circuit voltage (V _{OC})	38.5 V
Short circuit current (I _{SC})	8.8 A
Module efficiency (Percent)	15.8%
Temperature coefficient of P _{MPP} (γ ₂)	-0.44%/K
Temperature coefficient of V _{OC} (β ₂)	-0.32%/K
Temperature coefficient of I _{SC} (α ₂)	0.058%/K

*Electrical Data at Nominal Operating Cell Temperature (NOCT)
Irradiance 800 W/m², air temperature 20°C, air-speed 1.5 m/s*

Nominal power @ NOCT (P _{MAX})	172 W
Voltage @ maximum power point (V _{MPP})	27.1 V
Current @ maximum power point (I _{MPP})	6.4 A
Open circuit voltage (V _{OC})	34.0 V
Short circuit current (I _{SC})	6.9 A
Tolerance	± 10%
Nominal operating cell temperature (NOCT)	51.5°C

MECHANICAL PARAMETERS

Overall dimensions (frame)	1,663 x 997 x 35 mm
Mass	19 +/- 1 kg
Tested static back load (1 h)	2,400 N/m ²
Tested static front load (1 h)	5,400 N/m ²

KEY COMPONENTS

Glass	3.2mm thick Solar Glass
Photovoltaic cells	Monocrystalline 3BB 156mmx156mm
Cell connector	Gebauer & Griller Sn62Pb36Ag2, 2.0x0.17mm
Encapsulant	Bridgestone 'Evasky S88' EVA
Back sheet	Dunmore 'Dunsolar' PPE+ Black
Frame	1.5mm Black Aluminium anodized
Junction Box	TE Connectivity PV4 Connectors, MC4 compatible

GENERAL ELECTRICAL PARAMETERS

Maximum system voltage (V DC)	1,000
Maximum module reverse current (I _R)	18 A

SUNSOLAR WARRANTY

All our panels come with a comprehensive performance and workmanship warranty.

Linear Power Warranty of 25 years and Product Warranty of 25 years.

Disclaimer: SunSolar Energy Ltd reserves the right to update specification details without prior notice.



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SunSolar Energy Ltd is a leading British manufacturer of photovoltaic (PV) Solar panels.

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- MCS and TUV Rheinland approved products
- 100% revenue stays in the UK



For more information, contact us on +44 (0) 121 552 8848
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