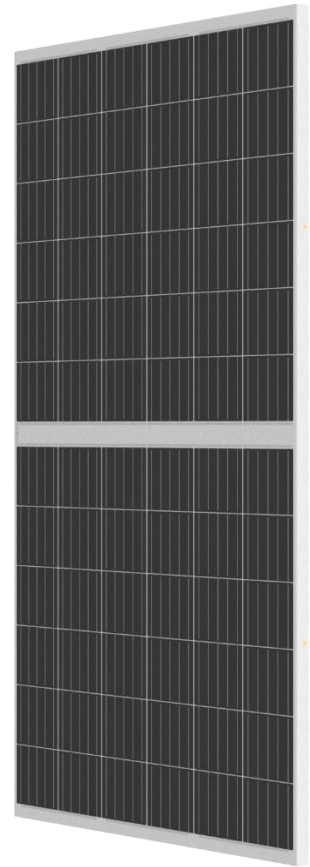


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SOLO

Lightweight PV module 500 Watt – MONO PERC 72-cell

The easy to install composite Solar panel



25%
better carbon footprint *



50%
less weight *



100%
recyclable

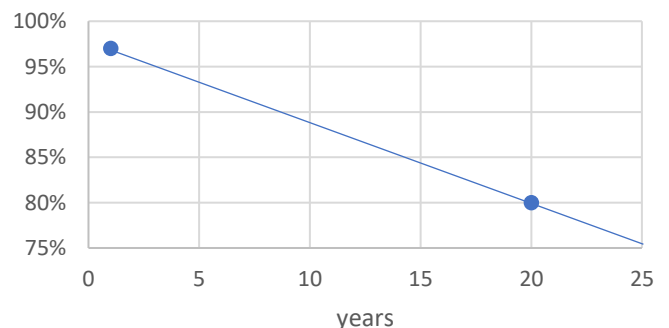


Limited product
warranty



Limited linear power
output warranty

20 - year linear output warranty



ISO9001:2015 certified factory
IEC 61215, IEC 61730 certified PV modules

* Compared to conventional glass-backsheet module from China

Provisional version

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Solarge B.V. Hofstraat 165, 5641TD Eindhoven, the Netherlands info@solarge.com www.solarge.com

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Specifications

Cell type:	M10 MONO PERC c-Si
Amount of cells	72
Weight	14,5 kg = 5,5 kg/m ²
Dimensions (length x width x thickness)	2303 x 1137 x 14 mm
Cable length & cross section	2 pcs 1200 mm x 4 mm ²
Connector type	MC4
By-pass devices	6 pcs in junction box
Configurations:	Model reference:
Natural	SA.500.MNN.001
Black	SA.500.MBN.001
CO2 footprint	220 kg/m ² - 1130 kg/kWp
Shadowcost (MPG)	23 €/m ² /25yr
Country of Manufacturing	The Netherlands

Electrical parameters at STC

Nominal Max. Power (P _{Max}) [W]	510 (tolerance + 2%)
Open Circuit Voltage (V _{oc}) [V]	49
Short Circuit Current (I _{sc}) [A]	12,4
Maximum Power Voltage [V]	42,6
Maximum Power Current [A]	11,8
Overcurrent protection [A]	15
Fill Factor (FF) [-]	0,78
Temperature Coefficient (I _{sc}) [%/K]	+0,06
Temperature Coefficient (V _{oc}) [%/K]	-0,3
Temperature Coefficient (P _{max}) [%/K]	-0,39

Operating conditions

Maximum System Voltage	1500 V DC
Operating temperature	-40°C / +85°C

