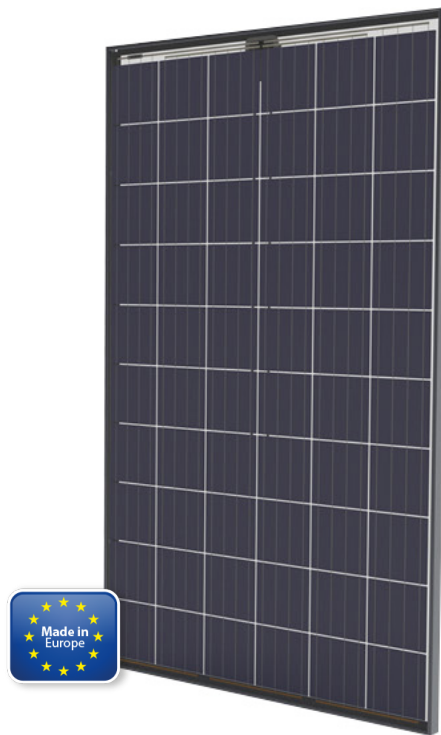


SeaBlue glass-glass Polycrystalline 260Wp

Libra[®]
E N E R G Y
BALANCE IN POWER

We have had an O.E.M. contract with an European manufacturer for the manufacture of our own poly module since the beginning of 2014. SeaBlue panels are built entirely according to our own specifications and tested in accordance with our own quality management system. These special polycrystalline solar panels consist of glass. These glass-glass modules have a higher efficiency and are good resistance to weathering.



- Longer guaranteed lifetime with minimum degradation
- Aesthetic
- High efficiency
- European product
- 30 years warranty

European glass-glass solar panels at the best price

ELECTRICAL PARAMETERS AT STANDARD TEST CONDITIONS (STC)	
Max. power P_{MPP}	260 W
Max. power tolerance	0/+4,9 W
Short circuit current I_{SC}	8,85 A
Open circuit voltage V_{OC}	38,0 V
Rated current I_{MPP}	8,31 A
Rated Voltage V_{MPP}	31,3 V
Current and Voltage tolerance	± 3 %
Module efficiency	15,8 %
<i>STC: 1000W/m² irradiance, 25 °C cell temperature, AM1,5 g spectrum according to EN 60904-3 Average relative efficiency reduction of 3,4 % at 200Wm² according to EN 60904-1</i>	
ELECTRICAL PARAMETERS AT NOMINAL OPERATING CELL TEMPERATURE (NOCT)	
Max. power P_{MPP}	188,7 W
Max. power tolerance	0/+4,9 W
Short circuit current I_{SC}	7,11 A
Open circuit voltage V_{OC}	35,07 V
Rated current I_{MPP}	6,58 A
Rated Voltage V_{MPP}	28,64 V
<i>NOCT: module operating parameters at 800 W/m² irradiance, 20 °C ambient temperature, 1 m/s wind speed</i>	
MECHANICAL DATA	
Dimensions (H x W x D)	1681 mm x 991 mm x 40 mm
Weight	21,5 kg
Solar Cells	60 cells, polycrystalline, 156 x 156 mm
Front	Solar Glass 2,1 mm
Back	Solar glass, 2,1 mm
Frame	Anodized aluminium frame with twin-wall profile and drainage holes
Junction box	IP67 with 3 Bypass diodes
OPERATING CONDITIONS	
Temperature range	-40 to +85 °C
Maximum system voltage	1000 V
Max. series fuse rating	15 A
Limiting reverse current	15 A
Maximum surface load capacity	5400 Pa (Snow load)
Resistance against hail	Maximum diameter of 25 mm with impact speed 23 m/s
THERMAL CHARACTERISTICS	
Temperature coefficient of P_{MPP}	-0,41 %/K
Temperature coefficient of I_{SC}	-0,05 %/K
Temperature coefficient of V_{OC}	-0,31 %/K
WARRANTY	
15 years manufacturing defects	
10 years limited, 92,5% output power	
30 years limited, 82,5% output power	