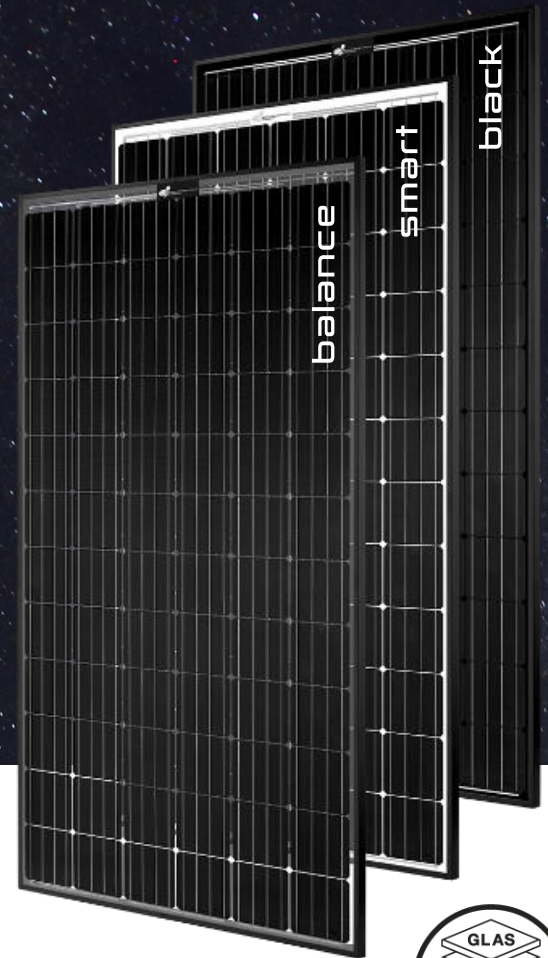


**Optional**  
**1500 volts module edition**  
**optional in transparent, white, full black**  
**Total Care for the entire system**  
**Extended product guarantee**



**EXCELLENT GLASS/GLASS PERC72**  
**balance | smart | black**

PERC 350-365 WP



**Long lifetime even under extreme conditions**

2 x 2 mm strong, hardened and scratchresistant solar glass

Protection of cells against microcracks through double glass composite

Maximum test load 8.100 Pascal <sup>2</sup>

Extended hail impact tests to 30 mm

**Optimized for performance**

PID-free PERC high performance solar cells

Antireflective coated solar glass

Low-light optimized

Positively classified -0/+4.99 Wp

Industry-leading NMOT values

**Highest quality standards**

Manufactured according to  
 DIN EN ISO 9001:2015  
 DIN EN ISO 14001:2015  
 BS OHSAS 18001:2007

PV-module type approval according to IEC 61215:2016 <sup>3</sup>

PV-module safety qualification according to IEC 61730:2016 <sup>3</sup>

**Guaranteed performance <sup>1</sup>**

30 years of linear performance guarantee

20 years product guarantee, optional extension to 30 years

Total Care for the entire system (optional)

<sup>1</sup> For detailed information please consult the CS Wismar GmbH warranty conditions

<sup>2</sup> See backside for detailed test loads

<sup>3</sup> Subject to recertification

# EXCELLENT GLASS/GLASS 350 | 355 | 360 | 365 PERC72

balance | smart | black

## Performance STC

Under standard Test Conditions STC:  
1000 W/m<sup>2</sup>; spectrum AM 1.5;  
Cell temperature 25°C  
Measurement tolerance STC:  
P<sub>mpp</sub> ±3%; I<sub>sc</sub> ±10%; U<sub>oc</sub> ±10%

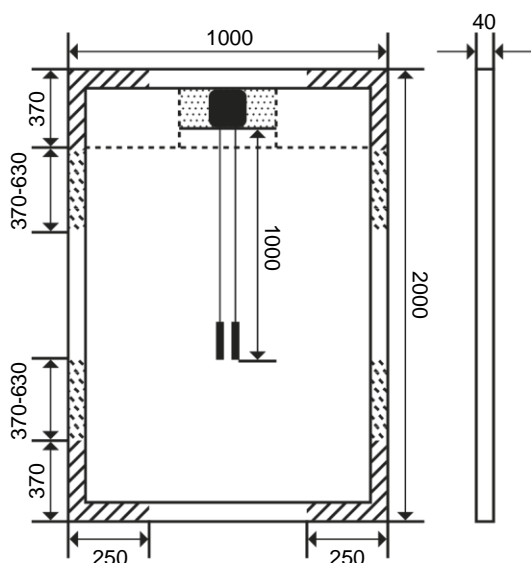
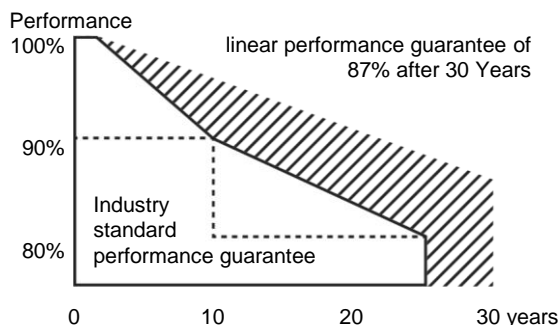
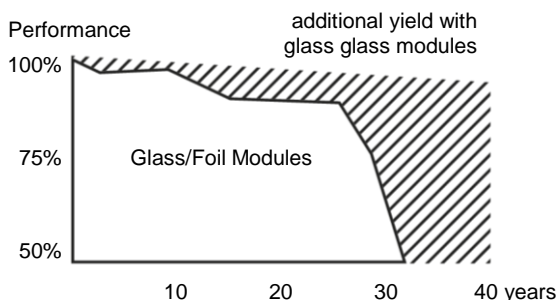
Nominal Power P <sub>mpp</sub> (Wp)	350	355	360	365
Open Circuit Voltage U <sub>oc</sub> (V)	46,73	47,01	47,13	47,41
Voltage U <sub>mpp</sub> (V)	38,81	39,05	39,27	39,46
Short Circuit Current I <sub>sc</sub> (A)	9,60	9,68	9,79	9,87
Current I <sub>mpp</sub> (A)	9,02	9,09	9,17	9,25
Efficiency η (%)	17,5	17,8	18,0	18,3

Reduction of module efficiency at reduction from 1000 W/m<sup>2</sup> to 200 W/m<sup>2</sup>: 1,7% ± 0,2% (relative)

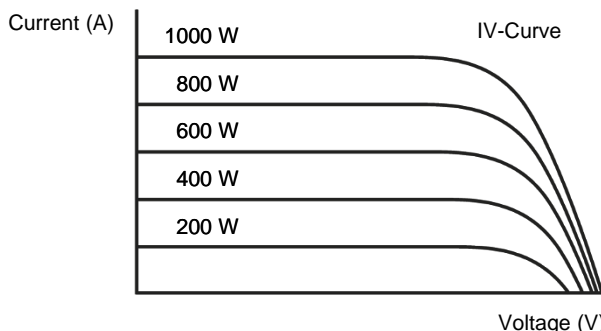
## Performance NMOT

Nominal operating temperature of module  
800 W/m<sup>2</sup>, NMOT, AM 1.5

Nominal Power P <sub>mpp</sub> (Wp)	276	280	284	288
Open Circuit Voltage U <sub>oc</sub> (V)	43,7	43,97	44,08	44,34
Voltage U <sub>mpp</sub> (V)	38,36	38,60	38,80	39,01
Short Circuit Current I <sub>sc</sub> (A)	7,76	7,82	7,91	7,97
Current I <sub>mpp</sub> (A)	7,20	7,25	7,32	7,38



measurements in mm



**clamping area**  
approved up to 2.400 Pa

**no contact between junction box and mounting profile permitted in this area.**  
approved up to 5.400 Pa

## Other Technical Specification

Max. system voltage	1000 V
Weight	26.5 ± 0.5 kg
Reverse Current Load IR	15 A
Junction box	IP 67 with 3 bypass diodes
Connectors	IP 67, MC4
Fire rating	class C
Operating temperature	-40°C ... +85°C
Design load: snow	5.400 Pa *
Max test load	8.100 Pa
Design load: wind	2.400 Pa *
Max test load	3.600 Pa

\* safety factor 1.5

## Thermal Properties

TC P <sub>mpp</sub>	-0.39 %/K
TC U <sub>oc</sub>	-0.28 %/K
TC I <sub>sc</sub>	0.040 %/K
NMOT	45 +/- 2 °C

## Material Used

No. of cells	72 cells
Type of cells	mono perc
Front	hardened solar glass
Frame	anodized aluminium
Frame height	40 mm

