

EXCELLENT GLASS/GLASS PERC60 balance | smart | black

PERC 290-305 WP

Long lifetime even under extreme conditions

2 x 2 mm strong, scratchresistant thermally hardened solar glass

Glass-Glass composite technology minimizes impact of environmental factors

cells in neutral phase are especially protected against tensile and pressure loads

Optimized for performance

PERC high performance solar cells

Antireflective coated and light-transmitting solar glass

Best low-light behavior

Positively classified -0/+4.99 Wp

Industry-leading NMOT values

Highest quality standards

Manufactured in accordance with DIN EN ISO 9001:2015 DIN EN ISO 14001:2015 BS OHSAS 18001:2007

PV-module type approval according to IEC 61215:2016¹

PV-module safety qualification according to IEC 61730:2016¹

Performance guarantee degradation below industry standard *

black

30 years linear performance guarantee

20 years product guarantee

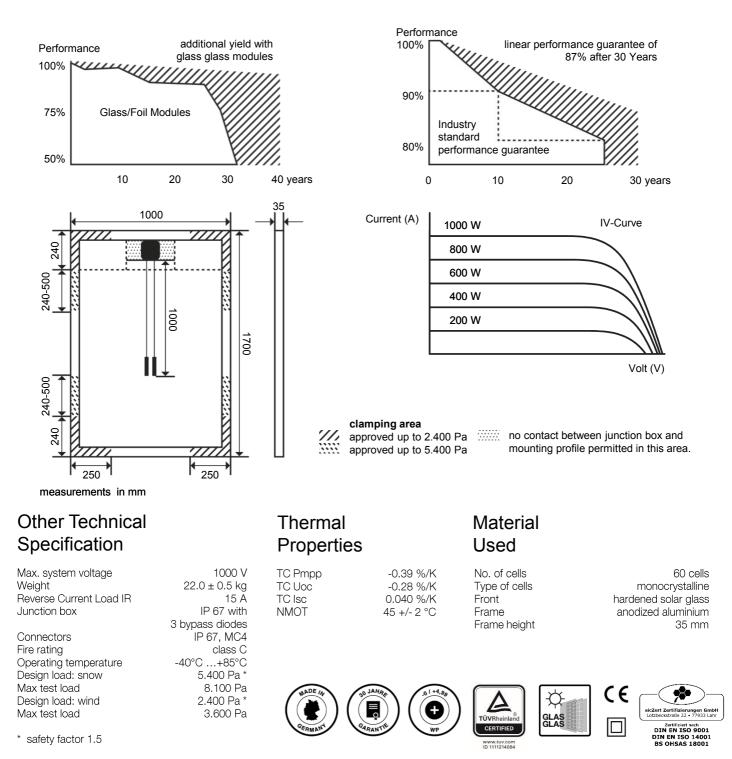
Optional extension of product guarantee to 30 years

Optional Total Care for the entire system

For detailed information please consult the CS Wismar GmbH warranty conditions Subject to recertification

EXCELLENT GLASS/GLASS 290 | 295 | 300 | 305 PERCEO balance | smart | black

Performance STC:	Nominal Power Pmpp (Wp)	290	295	300	305
Under standard Trest Conditions STC:	No-load voltage Uoc (V)	38,83	39,15	39,28	39,62
1000 W/m²; spectrum AM 1.5;	Voltage Umpp (V)	32,26	32,52	32,72	32,94
Cell temperature 25°C	Short Circuit Current Isc (A)	9,58	9,66	9,76	9,87
Measurement tolerance STC:	Current Impp (A)	8,99	9,07	9,17	9,26
Pmpp ±3%; lsc ±10%; Uoc ±10%	Efficiency n (%)	17,1	17,4	17,6	17,9
Performance NMOT Nominal operating temperature of module 800 W/m ² , NMOT, AM 1.5	Reduction of module efficiency at re Nominal Power Pmpp (Wp) No-load voltage Uoc (V) Voltage Umpp (V) Short Circuit Current Isc (A) Current Impp (A)	227 36,31 31,6 7,74 7,17	W/m² to 200 W/m² 231 36,61 31,86 7,81 7,24	: 2,5% ± 0,2% (relat 235 36,74 32,05 7,89 7,32	tive) 239 37,05 32,29 7,97 7,39



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