

BIFACIAL PERC MONOKRISTALLIN

108PMB12 (645-670Wp)

Half-Cut

BIFACIAL 12BB



Hohe Umwandlungseffizienz
Hoher Modul-Wirkungsgrad garantiert Maximalen Ertrag



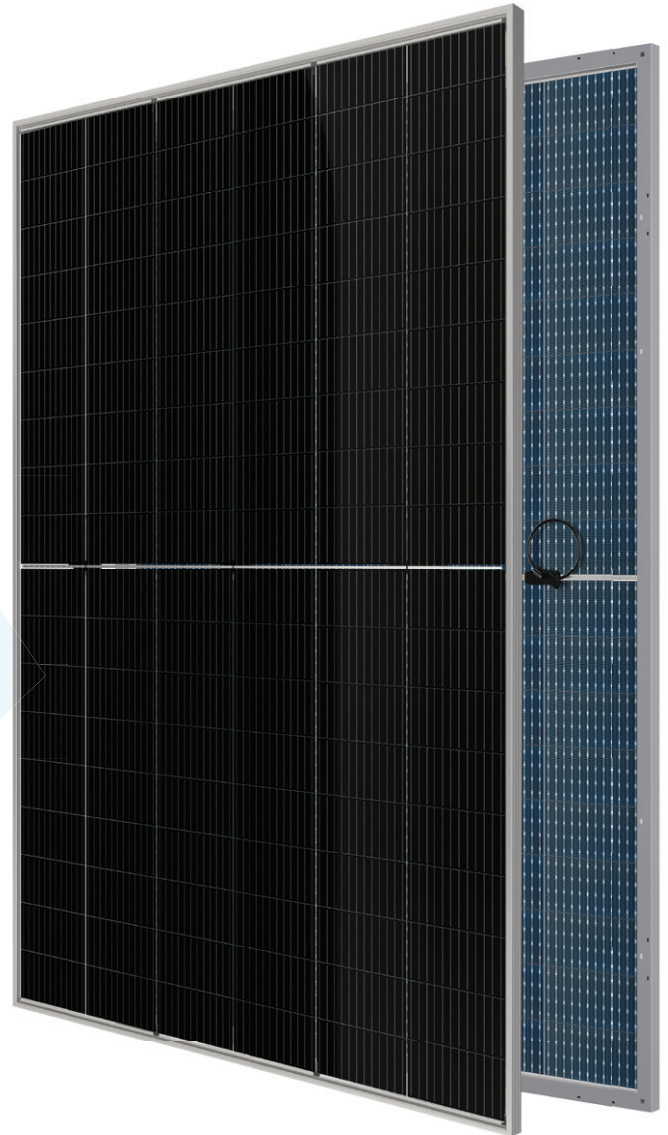
Selbst-Reinigendes- und Anti-Reflektions-Glas
Beschichtung für Selbst-Reinigung minimiert Staubablagerungen



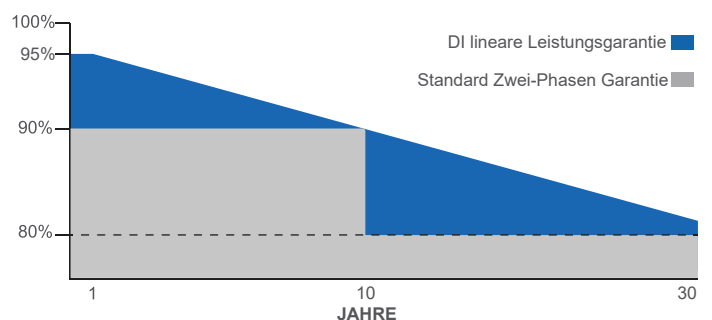
Einzigartiges Schwachlicht-Glas
Hervorragendes Modul-Betriebsverhalten unter geringer Einstrahlung



Einfache Installation



ISO 9001:2015, ISO 14001:2015, ISO 45001:2018



ELEKTRISCHE EIGENSCHAFTEN

Modelltyp	DI545 108PMB12	DI550 108PMB12	DI555 108PMB12	DI560 108PMB12	DI565 108PMB12	DI570 108PMB12
Moduleffizienz (P_{max})	545 Wp	550 Wp	555 Wp	560 Wp	565 Wp	570Wp
Moduleffizienz	21.29	21.48	21.68	21.87	22.07	22.26
Nennspannung (V_{mp})	31.3	31.5	31.7	31.90	32.10	32.30
Nennstrom (I_{mp})	17.42	17.46	17.51	17.56	17.61	17.65
Leerlaufspannung (V_{oc})	37.7	37.9	38.1	37.30	38.50	38.70
Kurzschlussstrom (I_{sc})	18.45	18.49	18.54	18.60	18.65	18.71
Leistungstoleranz	±%10					
Maximale Systemspannung	1500V DC					
Betriebstemperatur	-40 ~ +85°C					
Schutzklasse	Class II					
Maximale Seriensicherung	25A					
Leistungsgewinn Rückseite	5%	10%	10%	15%	20%	20%
Maximale Leistung (P_{max})(545Wp)	572.25	599.50	599.50	626.75	654.00	654.00
Moduleffizienz% (545Wp)	22.35	23.42	23.42	24.48	25.55	25.55
Maximale Leistung (P_{max})(550Wp)	577.50	605.00	605.00	632.50	660.00	660.00
Moduleffizienz% (550Wp)	22.55	23.63	23.63	24.70	25.77	25.77
Maximale Leistung (P_{max})(555Wp)	582.75	610.50	610.50	638.25	666.00	666.00
Moduleffizienz% (555Wp)	22.76	23.85	23.85	24.93	26.02	26.02
Maximale Leistung (P_{max})(560Wp)	588.00	616.00	616.00	644.00	672.00	672.00
Moduleffizienz% (560Wp)	22.96	24.05	24.05	25.15	26.24	26.24
Maximale Leistung (P_{max})(565Wp)	593.25	621.50	621.50	649.75	678.00	678.00
Moduleffizienz% (565Wp)	23.17	24.27	24.27	25.38	26.48	26.48
Maximale Leistung (P_{max})(570Wp)	598.50	627.00	627.00	655.50	684.00	684.00
Moduleffizienz% (570Wp)	23.37	24.48	24.48	25.59	26.71	26.71

MECHANISCHE PARAMETER

Zellabmessungen (mm)	210x105
Zellen pro Modul (Anzahl)	108 (6x18)
Gewicht (kg)	27.5
Modul Maße (mm)	1965x1303x30
Max. Wind- / Schneelast (Pa)	1600/1600
Anschlussdose	IP68
Anschlusskabel (mm)	300

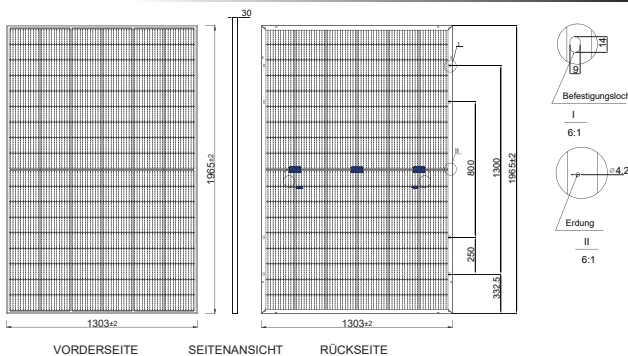
VERPACKUNGSKONFIGURATION

Container	40' GP
Pieces per Pallet	36
Pieces per Container	648
Pallet Per Container	18

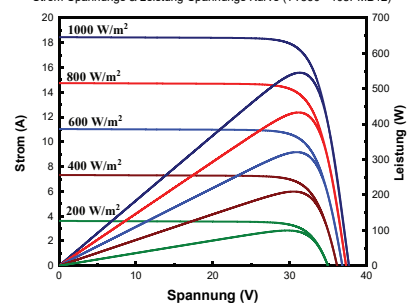
TEMPERATUR EIGENSCHAFTEN

Temp. Koeff. of (I_{sc})	0.050%/°C
Temp. Koeff. of (V_{oc})	-0.270%/°C
Temp. Koeff. of (P_{max})	-0.350%/°C

PHYSIKALISCHE UND ELEKTRISCHE EIGENSCHAFTEN



Strom-Spannungs & Leistung-Spannungs Kurve (TT560 - 108PMB12)



* The specifications are obtained under the standard test conditions: 1000W/m2 solar irradiance, 1.5 Air Mass and cell temperature of 25°C. Measurement uncertainty for all panels is 10%. The actual transactions will be subject to the contracts. These parameters are for reference only and it is not a part of the contracts. The specifications are subject to change without prior notice.

* For roof, facades and installations on similar surfaces, solar panels should be mounted over a fire-resistant covering suitable for this application, with adequate ventilation between the back of the solar panels and the mounting surface. Improper installations are hazardous and may spark a fire. Solar panels must not be mounted on structures and roofs which are made of not fire-resistant materials such as plastic layer, transparent plastic or similar materials without any fire-protection layer. Usage and installation not in accordance with the guidelines as outlined in the installation manual will terminate the warranty. Please refer to the installation manual and the warranty documents for further details.

* Reserves the right to change the specification of products without prior notice.

* Not suitable for use in on-grid systems.