



DAS MODUL ALPINE XSC

Ninside Serie Pure Glass

DMMAXSCNi350PG | DMMAXSCNi355PG | DMMAXSCNi360PG

Soluxtec unique design for glass glass module. The newest **Das Modul ALPINE** serie has been developed for an easy handling and better mechanical resistance.

Featured with **90 Topcon** solar cells and available with **power up to 360 Wp**.



30 YEARS
PRODUCT WARRANTY

25 YEARS
LINEAR PERFORMANCE WARRANTY

POSITIVE SORTING 0/+/-, 0/1/2

HIGHER EFFICIENCY

PID SAFE

100% EL QUALITY CONTROL

NEW FRAME

1500 V

THERMAL PROPERTIES

AMMONIA RESISTANT

BIFACIAL

LID PERFORMANCE

O-PID

Optimized PID control. The combination of selected high-class materials prevent any occurrence of power induced degradation.

LID SAFE

Insusceptible against Light Induced Degradation, due to the absence of boron-oxygen recombination.

IMPROVED LCOE

LCOE of DMMAXSCNi compared to industrial standard PV module technologies, provides much better results.

RELIABILITY

Inexhaustible in severe environmental conditions Ammonia (NH₃) and Salt Mist certified.

POWERFULL

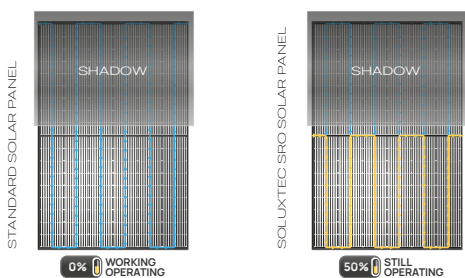
DMMAXSCNi provides an efficiency up to 21,88%. Best conversion efficiency under low light. Bifaciality gain up to 20%.

S-MBB

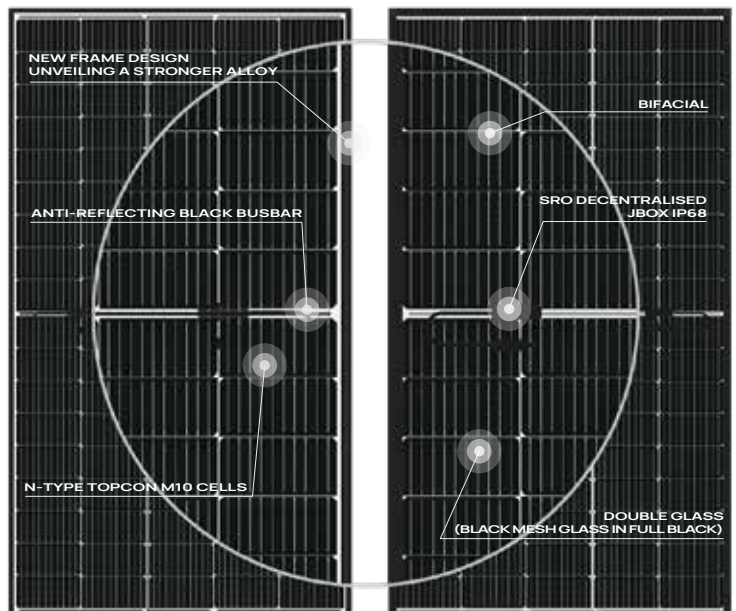
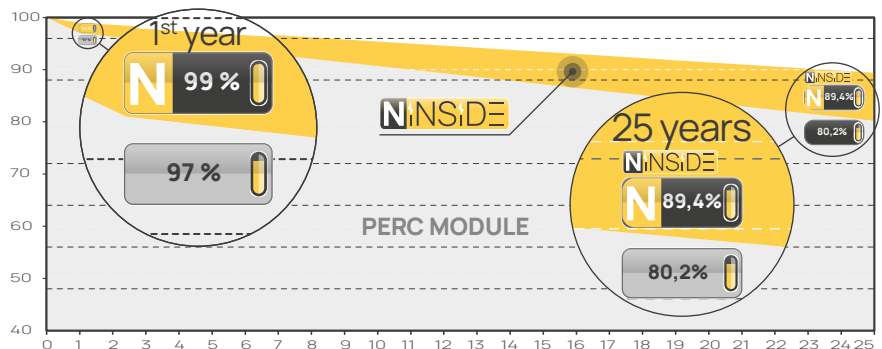
Thanks to Soluxtec's smart multi-busbar technology, DMMAXSCNi offers the highest light catching value. In combination with an extraordinary homogeneous current flow, it also offers higher power and better temperature as the current industrial average.

SRO - SHADING RESPONSE OPTIMIZED

Advantage of half cut cells connected in the middle of the pv module compared to standard production.



25 YEARS LINEAR EFFICIENCY



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FR
EN
DE

ELECTRICAL PARAMETERS UNDER STC CONDITIONS

(1000 W/m², 25°C, +/-2°C, AM=1,5 according to IEC 60904_3).

Model	DMMAXSCNi 350PG	GAIN BIFACIAL** +20%	DMMAXSCNi 355PG	GAIN BIFACIAL** +20%	DMMAXSCNi 360PG	GAIN BIFACIAL** +20%
Maximum Power Point (Pmax)*	350	420	355	426	360	432
Open Circuit Voltage (Voc)	32,47	32,47	32,68	32,68	32,88	32,88
Short Circuit Current (Isc)	13,60	16,32	13,67	16,40	13,74	16,49
Maximum Power Voltage (Vmpp)	27,53	27,53	27,78	27,78	28,02	28,02
Maximum Power Current (Impp)	12,72	15,26	12,79	15,35	12,86	15,43
Module Efficiency (%)	21,20		21,51		21,81	
Power Tolerance (Wp)			0-4,99Wp			
T temperature coefficient TC Isc			+0,03%/°C			
Temperature coefficient TC Voc			-0,28%/°C			
Temperature coefficient TC Vmpp			-0,30%/°C			

*Power measurement of flasher unit +/- 3%

** Gain will depend on installation mode

ELECTRICAL PARAMETERS UNDER NMOT CONDITIONS

(800 W/m², NMOT, AM=1,5)

MODEL	DMMAXSCNi 350PG	DMMAXSCNi 355PG	DMMAXSCNi 360PG
Maximum Power Point (Pmax)	259,48	263,46	267,37
Open Circuit Voltage (Voc)	30,17	30,38	30,58
Short Circuit Current (Isc)	10,88	10,94	11,00
Maximum Power Voltage (Vmpp)	25,49	25,74	25,98
Maximum Power Current (Impp)	10,18	10,24	10,29

OPERATING CONDITIONS

Max. Operating Voltage:	1500 Vdc
Protection Class:	Class II
Operating T ⁰ range:	-40°C ... +85°C
Max. Reverse Current:	25 A
STC 25°C:	+/- 2°C
NMOT 45°C:	+/- 2°C
Design load + (snow):	5400 PA
Maximum test load +:	8100 PA
Design load - (wind):	2666 PA
Maximum test load - :	4000 PA

MECHANICAL PROPERTIES

Dimensions:	1722 * 967 * 30 mm
Weight:	22 kg +/- 3 %
Cell:	90 half cut Mono TOPCON NTYPE
Junction Box:	IP 68, 3 diodes potted
Connectors:	MC4 Evo2 or Compatible
Cables:	2 * 1200 mm
Solar Glass front / back:	2 + 2 tempered ARC

PACKAGING

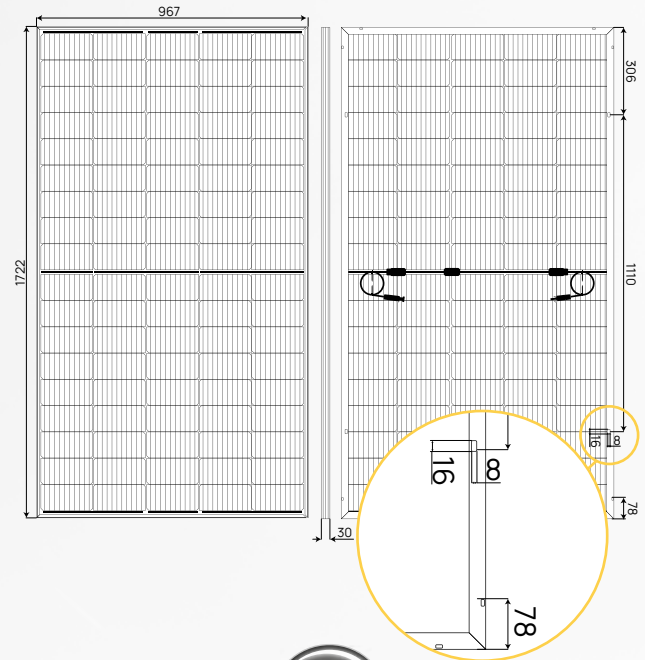
Per Pallet:	34 Modules
Per Truck:	28 Pallets

CERTIFICATIONS

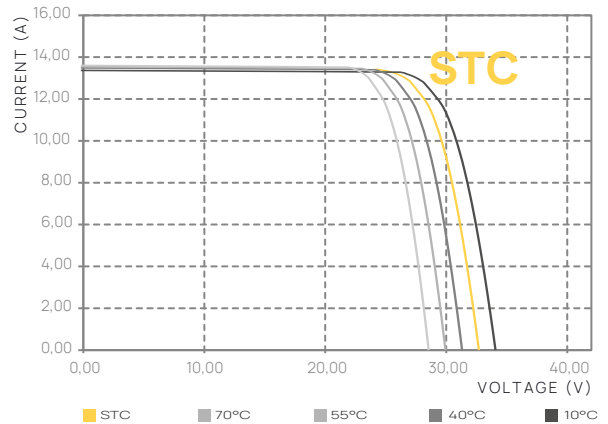
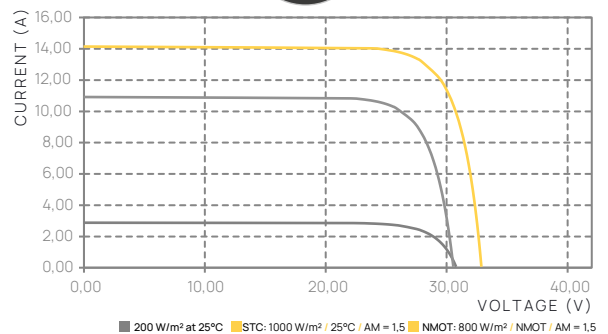
IEC 61215, EN 61730, IEC61701, IEC62804, IEC62716, ISO9001, ISO14001
LVD 2014/35/EU, EMC 2014/30/EU.



MECHANICAL



CURRENT (A) VS VOLTAGE (V)



SOLUXTEC
MADE IN GERMANY

This data sheet complies with the requirement of **EN 50380**. Soluxtec GmbH reserves the right to make specification changes without prior notice (2023)

DISCLAIMER: For final product, all specifications, and data may be subject to change to improve reliability, function, or design or otherwise.

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