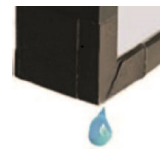


DAS MODUL XSC MONO PURE GLASS SERIE

DMMXSC400PG | DMMXSC405PG | DMMXSC410PG

DAS MODUL XSC MONO Pure Glass Serie is the newest Double Glass Photovoltaic Module produced and developed by Soluxtec. Soluxtec kept the same recipe which made the success of the original DAS MODUL products but further improved in terms of mechanical resistance giving its customers an extended warranty period for both product and production performance. Pure Glass Serie XSC is available in two different colours. Merchantable transparent and customized Full Black processing a unique black ceramic rear glass. Soluxtec recommends this Product wherever extreme environment conditions require it and where its standard Module Family is not applicable anymore.

Innovative Solutions:



water drainage

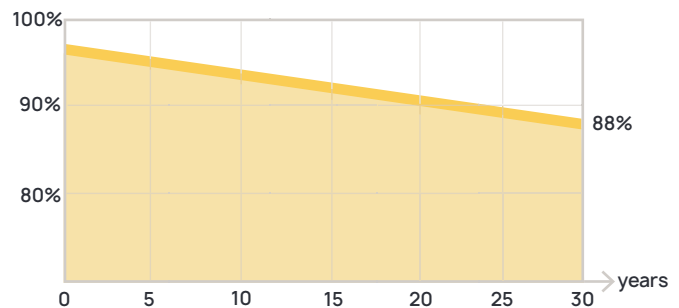


bifacial cells

Features

- PID Safe**
- 1500V**
- Ammonia Resistant**
- Mono PERC SE M10 Cells**
MICRO GAP SOLDERING TECHNOLOGY
- Gallium Doped Wafers for best LID Performance**
- Easy to handle & No sharp sides**
- 100% EL Quality Control**
- 8100 Pa Max test load**
- Excellent thermal properties**
- Positive sorting 0 / + 4,99 Wp**
- Reliability & extended guarantee**
- Higher Mechanical performance**

Quality Guarantee



- 30 years product warranty**
- 30 years linear performance warranty**

Certifications



DAS MODUL MONO XSC

PURE GLASS SERIE

DMMXSC400PG

Electrical Parameters under STC Conditions

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

Gain Bifacial**

Model	DMMXSC400PG	+10%	+20%
Maximum PowerPoint (Pmax)*	400	440	480
Open Circuit Voltage (Voc)	37,13	37,13	37,13
Short Circuit Current (Isc)	13,43	14,70	16,10
Maximum Power Voltage (Vmpp)	31,35	31,35	31,35
Maximum Power Current (Imp)	12,76	14,00	15,30
Module Efficiency (%)	20,48		
Power Tolerance (Wp)	0 - 4,99 Wp		
Temperature coefficient TC _{Isc}	+ 0,03%/°C		
Temperature coefficient TC _{Voc}	- 0,28%/°C		
Temperature coefficient TC _{Pmpp}	- 0,30%/°C		

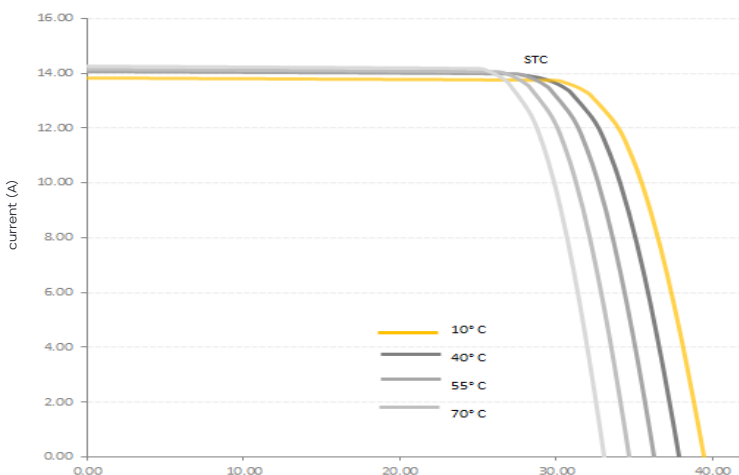
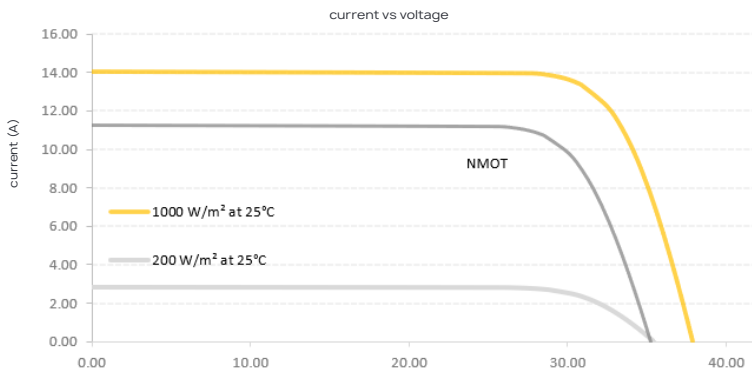
*Power measurement of flasher unit +/- 3%

** Gain will depend on installation mode

Electrical Parameters under NMOT conditions

(800 W/m²; NMOT, AM=1,5)

Model	DMMXSC400PG
Maximum PowerPoint (Pmax)	297
Open Circuit Voltage (Voc)	34,53
Short Circuit Current (Isc)	10,75
Maximum Power Voltage (Vmpp)	29,05
Maximum Power Current (Imp)	10,21



Operating Conditions

Max. Operating Voltage:	1500 Vdc
Protection Class:	Class II
Operating T° 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 +:	8400PA*
Design load- (wind):	1600 PA
Maximum test load-:	2400 PA*

*safety factor 1,5

Mechanical Properties

Dimensions:	1722 x 1133 x 35 mm
Weight:	26 kg +/- 3 %
Cell:	(108 half cut) 54 Mono PERC SE 10BB
Junction Box:	IP 68, 3 diodes potted
Connectors:	MC4 Evo2 or Compatible
Cables:	2 x 1200mm
Solar Glass front / back:	2 mm semi tempered ARC/ 2 mm semi tempered

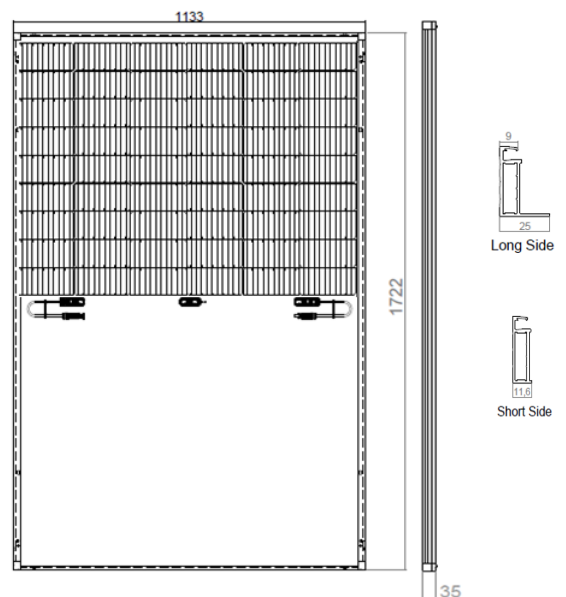
Packaging

Per Pallet:	30 modules
Per Truck:	28 pallets

Certifications

IEC 61215, EN 61730, IEC61701, IEC62804, IEC62716, LVD 2014/35/EU, EMC 2014/30/EU, RAL SOLAR

Mechanical Specification



Photovoltaik
Made in Germany

Geschäftsführer:
Tim Leutert

Registergericht:
Amtsgericht Wittlich

Registernr:
HRB 41318

St.Nr. 10/657/1281/3
Ust.ID DE 270734817

This data sheet complies with the requirement of EN 50380. Soluxtec GmbH reserves the right to make specification changes without prior notice. (2020)

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