

SOLID Agro

72 cell

Frameless_Glass/Glass_Transparent



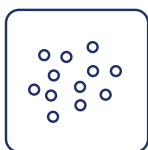
Self-cleaning
effect



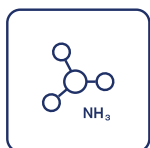
Extreme load
resistance



Fire class A



Salt mist
resistance



Ammonia
resistance



35% of recycled
glass content



98% recyclable



Hail resistance
class 4



Positive sorting up to +5W

Front side ⚡ 290 W



Deutsches
Institut
für
Bautechnik

DIBt

30 Year
product
warranty

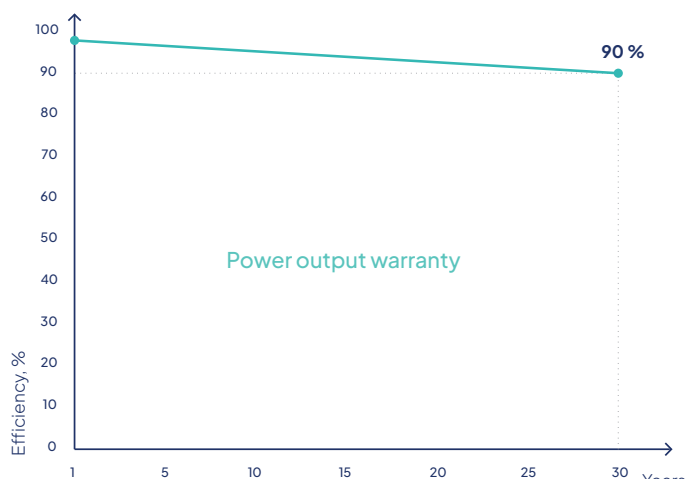
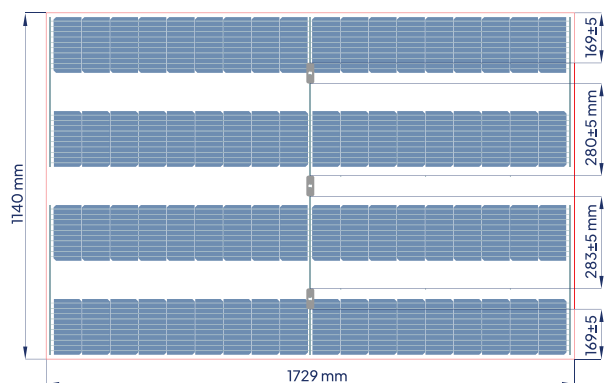
90% Power
warranty

30 Year
efficiency
warranty

Electrical data (STC*)	
Maximum power (W)	290
Cell technology	N type, TOPCon - bifacial
Open circuit voltage (V_{oc}/V)	27,93
Short circuit current (I_{sc}/A)	13,80
Max power voltage (V_{mpp}/V)	21,97
Max power current (I_{mpp}/A)	13,20
Module efficiency (n)	14,71%
Max system voltage (V)	1500
Max current (A)	25
Power tolerance	0/+5W

*Under standard test conditions (STC) of irradiance of 1000W/sq.m., spectrum AM1.5 and cell temperature of 25°C. Flash testing measurement accuracy of +/-5%.

Warranty	
30 years product warranty	
30 years efficiency warranty	
First year degradation (%)	1%
Annual degradation (%)	0,31%
Power in year 30 (%)	90%



Temperature ratings	
Current temperature coefficient (α)	+0.045% / °C
Voltage temperature coefficient (β)	-0.250% / °C
Power temperature coefficient (δ)	-0.300% / °C
Nominal operating module temperature	46 °C
Mechanical data	
Dimensions (LxWxH) (mm)	1729x1140x7,2
Dimensions with edge sealing (LxWxH) (mm)	1733±2x1144±2x7,2
Weight (kg)	32
Front glass (mm)	3,2 structured, low reflection, with AR coating, ESG
Back glass (mm)	3,2, transparent, ESG
Cell Size (mm)	182x91,875
Busbars	10
Transparency (%)	35
Cell configuration	4x18
Frame	Frameless
Rated operating altitude (m)	Up to 2000
Operating temperature (°C)	-40 ÷ +85
Maximum test load (wind/snow) (Pa)	5400/10500
Junction box / IP class	Split junction box / IP68
Cable cross section size (mm ²)	4
Cable length (m)	1,2
Bypass diodes	3
Connector	MC4-EVO2
Packing information	
Modules per pallet (pcs)	25
Dimensions of a pallet (LxWxH) (mm)	1860x1220x1100
Weight of a pallet (gross) (kg)	887
Pallets per 13,6 m truck (pcs)	22
Modules per 13,6 m truck (pcs)	550

Certifications	
IEC 61215:2021; IEC 61730:2023	
Cradle to Cradle (C2C)	Gold level
abZ/aBG	National technical approval/ General construction technique permit
IEC 62716:2013	Ammonia corrosion testing
IEC 61701:2020	Salt mist corrosion testing
IEC 61215-2:2021	40 mm hailstone - Hail resistance class 4 (HW4)
ISO 9001:2015	Quality management systems
ISO 14001:2015	Environmental management systems
ISO 45001:2018	Occupational health and safety
SundaHus	A level assessment
Produced using 100% renewable energy	
Membership at Svensk Solenergi	



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