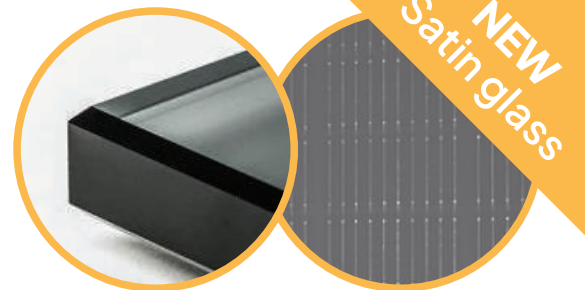


SOLID Bifacial

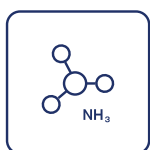
Framed_Glass/Glass_Anti-Glare
108 cell



Fire class A



10 500 Pa
Extreme load resistance



Ammonia resistance



Salt mist resistance



98 %
recyclable



50 mm
Hail resistance class 5

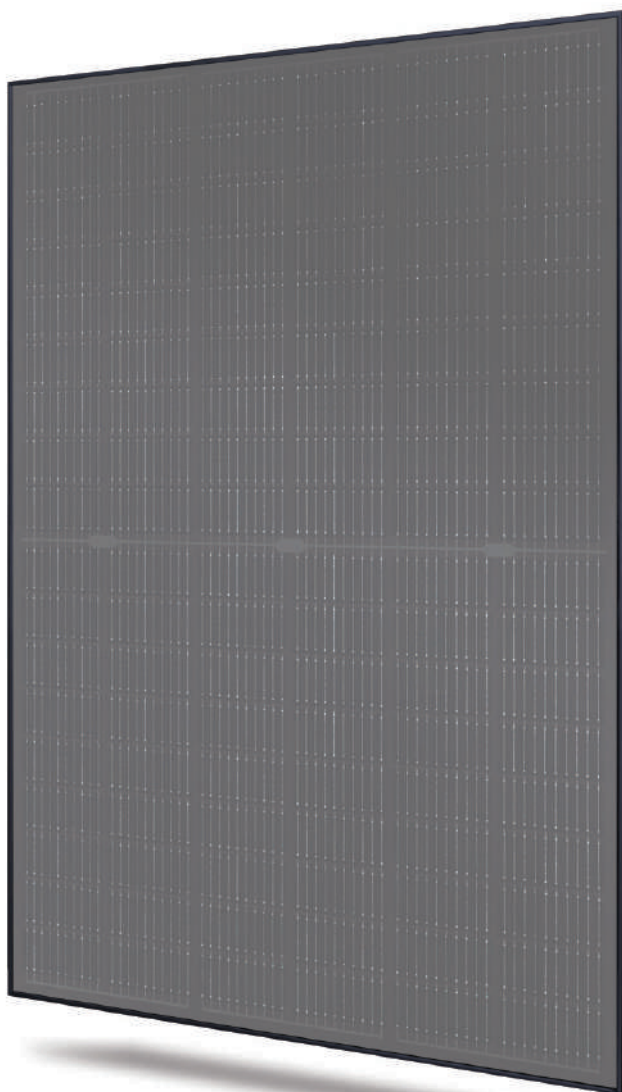


35% of recycled glass content



A luminance of 4000 cd/m²

Extremely low-glare



Positive sorting up to +5W

Front side ⚡ 425 W



Deutsches Institut für Bautechnik

DIBt

30 Year product warranty

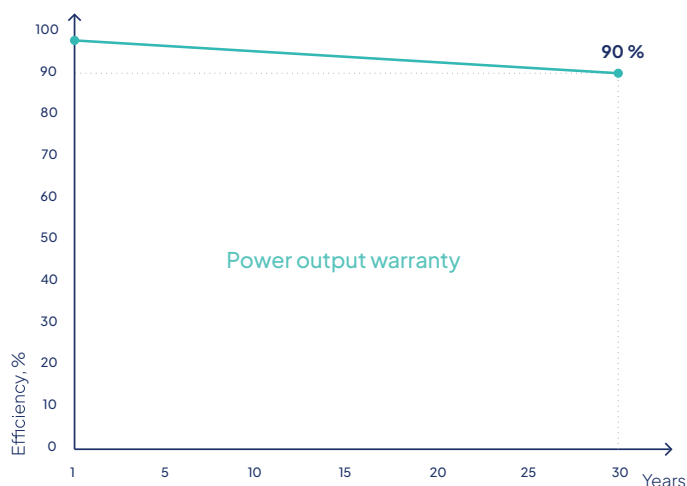
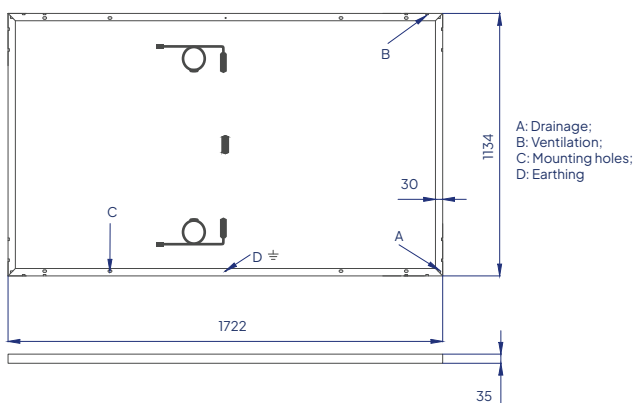
90% Power warranty

30 Year efficiency warranty

Electrical data (STC*)	
Maximum power (W)	425
Cell technology	N type, TOPCon – bifacial
Open circuit voltage (V_{oc}/V)	38,65
Short circuit current (I_{sc}/A)	13,70
Max power voltage (V_{mpp}/V)	32,57
Max power current (I_{mpp}/A)	13,05
Module efficiency (n)	21,76%
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)	1722x1134x35 mm
Weight (kg)	33
Front glass (mm)	3,2 structured, satin, 4000 cd/m ² , ESG
Back glass (mm)	3,2, full black, ESG
Cell Size (mm)	182x91,875
Busbars	10
Cell configuration	6x18
Frame	Black anodized aluminium frame
Rated operating altitude	Up to 2000m
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	1,2 m
Bypass diodes	3
Connector	MC4-EVO2

Packing information	
Modules per pallet	24 pcs
Dimensions of a pallet (LxWxH)	1815x1205x1189 mm
Weight of a pallet (gross)	858 kg
Pallets per 13,6 m truck	28 pcs
Modules per 13,6 m truck	672 pcs

Certifications	
IEC 61215:2021; IEC 61730:2016	
Cradle to Cradle (C2C)	Gold level
abZ/aBG	Overhead Glazing
IEC 62716:2013	Ammonia corrosion testing
IEC 61701:2020	Salt mist corrosion testing
IEC 61215-2:2021	50 mm hailstone - Hail resistance class 5 (HW5)
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	



This datasheet is not legally binding. The manufacturer reserves the right to make changes to product specifications and / or product features without prior notice. The most recent versions of all documents (T&C's, datasheets, warranties and installation manuals) can always be found on our website at www.solitek.eu

