

 SoliTek
SOLID
series

Bifacial

Anti-Glare

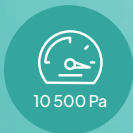
 425 W

 Made in the EU

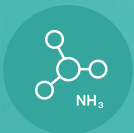
3,2+3,2 mm glass



Fire class A



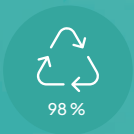
10 500 Pa
Extreme load
resistance



Ammonia
resistance



40 mm
Hail resistance
class 4



98 %
98,8 %
recyclable



A luminance of
4000 cd/m
Extremely
low-glare

30
YEAR
Product &
Efficiency
Guarantee

90%
POWER WARRANTY



THE FIRST AND ONLY
IN THE WORLD

Deutsches
Institut
für
Bautechnik

DIBt

ONE OF A FEW IN THE WORLD

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 (η)	21,76 %
Max system voltage (V)	1500
Max current (A)	25
Power tolerance	0/+5W

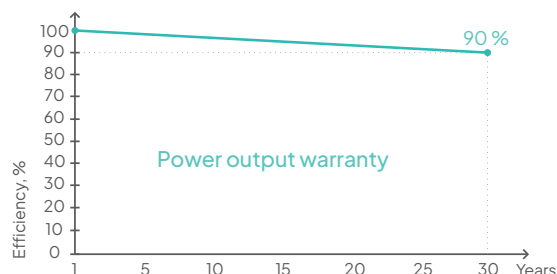
*Under standard test conditions (STC) of irradiance of 1000W/sq.m., spectrum AM1.5 and cell temperature of 25°C. Flash testing measurement accuracy of +/-5%.

Warranty

30 years product warranty

30 years efficiency warranty

First year degradation (%)	1
Annual degradation (%)	0,31
Power in year 30 (%)	90



Certifications

IEC 61215:2021; IEC 61730:2016

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



Product assessed in SundaHus Material Data



PRODUCED USING 100% RENEWABLE ENERGY



Svensk Solenergi

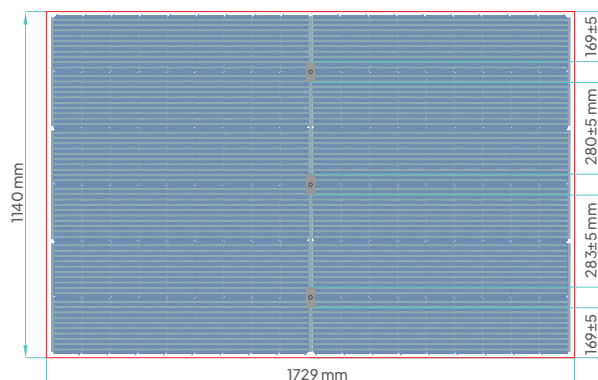


Temperature ratings

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)	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	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

