

 SoliTek
SOLID
series

Solrif

Anti-Glare

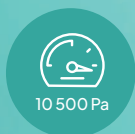
 425 W

 Made in the EU

3,2+3,2 mm glass

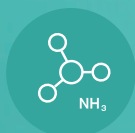


Fire class A



10 500 Pa

Extreme load
resistance



Ammonia
resistance



50 mm

Hail resistance
class 5



98 %

98 %
recyclable



A luminance of
4000 cd/m²

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)	21,54 %
Max system voltage (V)	1500
Max current (A)	25
Power tolerance	0/+5W

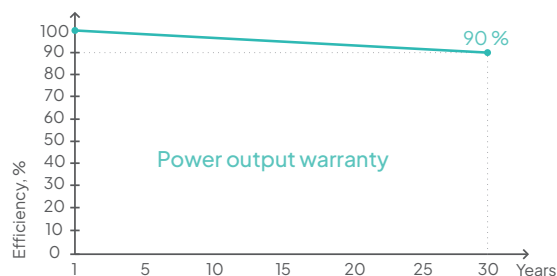
*Under standard test conditions (STC) of irradiance of 1000W/sq.m., spectrum AM1.5 and cell temperature of 25°C. Flash testing measurement accuracy of +/-5%.

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
EN 13501-5	Broof (t1)
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	



Product assessed in SundaHus Material Data



PRODUCED USING 100% RENEWABLE ENERGY



Svensk Solenergi



DIBt

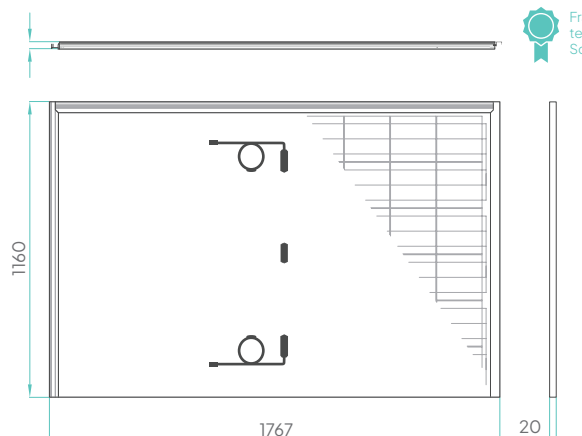


Temperature ratings

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)	1767x1160x20
Grid dimensions (LxW) (mm)	1749x1128
Weight (kg)	33,5
Front glass (mm)	3,2 structured, satin, 4000 cd/m², ESG
Back glass (mm)	3,2, full black, ESG
Cell Size (mm)	182x91,875
Busbars	10
Cell configuration	6x18
Frame	Solrif D
Rated operating altitude (m)	Up to 2000
Operating temperature (°C)	-40 ÷ +85
Maximum test load (wind/snow) (Pa)	3600/10500
Junction box / IP class	Split junction box / IP68
Cable cross section size (mm²)	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)	1815x1205x1070
Weight of a pallet (gross) (kg)	901
Pallets per 13,6 m truck (pcs)	14
Modules per 13,6 m truck (pcs)	350

