

 SoliTek
SOLID
series

Solrif
Full black

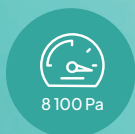
 435 W

 Made in the EU

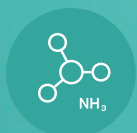
2+2 mm glass



Fire class A



8100 Pa
Extreme load
resistance



Ammonia
resistance



30 mm
Hail resistance
class 3



98,8 %
recyclable



35 %
35% of recycled
glass content

30
YEAR

Product &
Efficiency
Guarantee

90%
POWER WARRANTY



THE FIRST AND ONLY
IN THE WORLD

Electrical data (STC*)

Maximum power (W)	435
Cell technology	N type, TOPCon - bifacial
Open circuit voltage (V_{oc}/V)	38,92
Short circuit current (I_{sc}/A)	13,80
Max power voltage (V_{mpp}/V)	32,96
Max power current (I_{mpp}/A)	13,20
Module efficiency (η)	22,04 %
Max system voltage (V)	1500
Max current (A)	25
Power tolerance	0/+5W

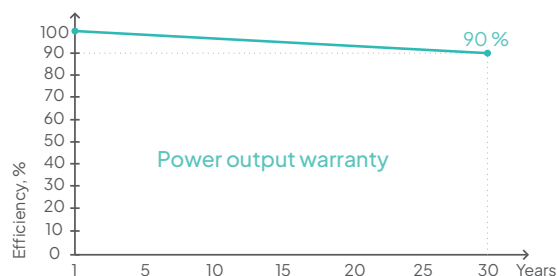
*Under standard test conditions (STC) of irradiance of 1000W/sq.m., spectrum AM1.5 and cell temperature of 25°C. Flash testing measurement accuracy of +/-5%.

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 61730:2023

Cradle to Cradle (C2C)	Gold level
IEC 62716:2013	Ammonia corrosion testing
IEC 61701:2020	Salt mist corrosion testing
IEC 61215-2:2021	30 mm hailstone - Hail resistance class 3 (HW3)
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



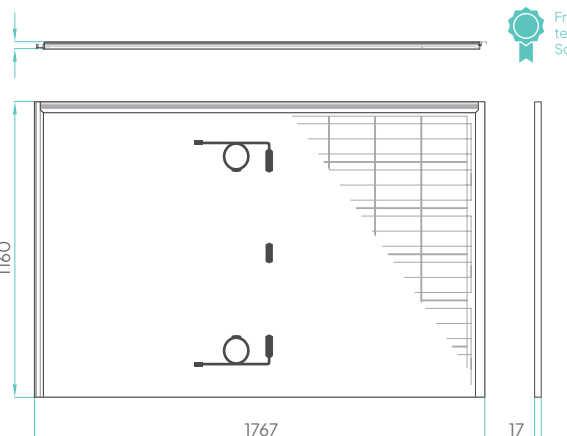
** Product certificates issued for SOLID Bifacial

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)	1767x1160x17
Grid dimensions (LxW) (mm)	1749x1128
Weight (kg)	27
Front glass (mm)	2 structured, low reflection, with AR coating
Back glass (mm)	2, black
Cell Size (mm)	182x91,875
Busbars	10
Cell configuration	6x18
Frame	Solrif N
Rated operating altitude (m)	Up to 2000
Operating temperature (°C)	-40 ÷ +85
Maximum test load (wind/snow) (Pa)	3600/8100
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)	1860x1205x1100
Weight of a pallet (gross) (kg)	849
Pallets per 13,6 m truck (pcs)	28
Modules per 13,6 m truck (pcs)	700

