

FLASH 500 Half-Cut Glass-Glass TOPCon

✓ Bi-glass and bi-facial panel, with up to +30% efficiency - ideal for superimposition on roofs, carports or shade houses.

✓ Maximal warranty : 25+5 ans of product warranty

✓ High performances solar cells with a module minimum guaranteed Efficiency of 22.61% and a 87.4% efficiency after 30 years.



High Performance

Our FLASH range is developed by our team to use the best cells technology in order to maximise the yield.



Low carbon

Carbon footprint of a FLASH panel is lower than a standard market panel. The range is designed to maximise the electricity production while minimising the impact on the environment.



High quality

Production facility are selected after a long assesment process following rigourous specifications from our developpement team.

Caractéristiques Produit

Certifications



- IEC 61215 – 61730: PENDING
- IEC 61701: PENDING

Rendement & Performance

- ✓ Cellules monocristallines de technologie N-type TOPCon. Panneau bi-facial permettant jusqu'à 30% de puissance en plus
- ✓ Design élégant et attractif
- ✓ Tenue mécanique jusqu'à 6600 Pa
- ✓ Compatible avec tous systèmes de pose en toiture

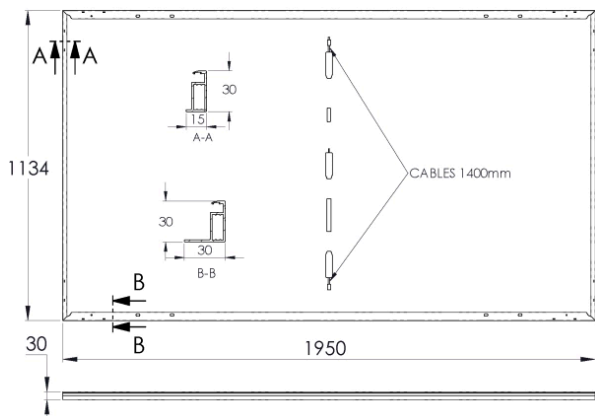
Garanties & Qualité

- ✓ 25 ans de garantie produit +5 ans d'extension à l'activation des garanties
- ✓ Garanties de performance sur le rendement photovoltaïque de 30 ans
- ✓ Résistance améliorée à la grêle RG3
- ✓ Certification selon les normes IEC

Technical Data

DS500-120M10TB-03 | Publication 22 November 2023 | Version : 1.0

Plan du panneau



Physical characteristics

Length	1950 mm
Width	1134 mm
Thickness	30 mm
Weight	27.1 kg
Glass Thickness	2 x 2.0 mm
Max Positive Mechanical Load	5400 Pa
Max Negative Mechanical Load	2400 Pa
Cell technology	Topcon

Photovoltaic characteristics

Nominal power	500 W
Power Tolerance	0/+3%
Module minimum Guaranteed Efficiency	22.61 %
Rated Voltage (Vmpp) at STC	36.87 V
Current at Maximum Power Point (Impp) at STC	13.56 A
Maximum System Voltage	1500 V
Open Circuit Voltage (Vco) at STC	44.22 V
Short Circuit Current (Isc) at STC	14.04 A
Voltage temperature coefficient (μ Isc)	-0.26 %/°C
Current temperature coefficient (μ Isc)	0.038 %/°C
Power temperature coefficient (μ Pmpp)	-0.31 %/°C
NMOT	45 +/- 2 °C
Application Class	II
Product Warranty	25 years

Conditions STC (AM 1,5 – 1000 W/m² – 25°C)

Gamme DualSun FLASH

