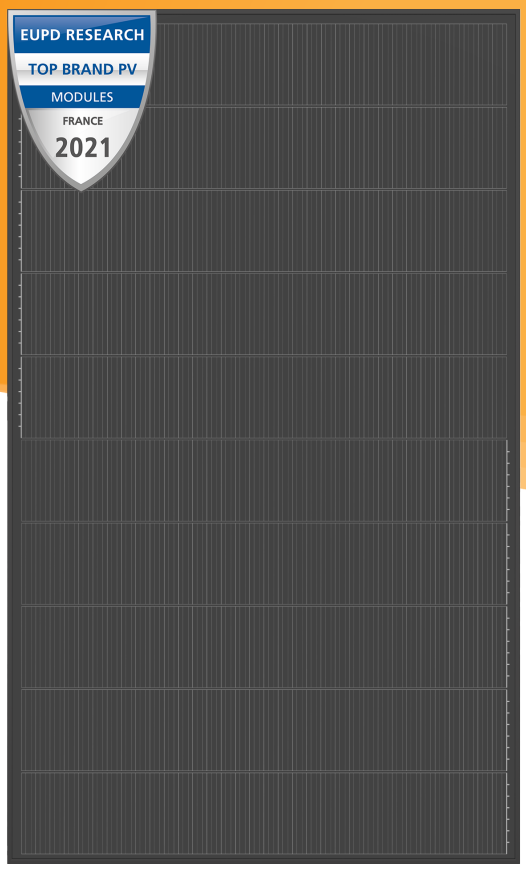
DUALSUN

French manufacturer of solar panels



The FLASH® Black solar panel by DualSun is designed for self-consumption projects without compromising on aesthetics and performance in order to maintain all the elegance of the building

FLASH® 375 Shingle Black

OPTIMIZED PERFORMANCE

High performance monocrystalline cells

Anti-reflective glass ensuring high performance even in diffused light

Positive classification -0 / + 3%

WARRANTY

French manufacturer

20 year product warranty offered immediately

+5 years warranty extension upon activation of warranties*

25 year linear performance warranty on photovoltaic performance

Dual SAFE

* Conditions for activating guarantees on dualsun.com

QUALITY & SAFETY

CE marking

Certification according to IEC standards*

Salt mist corrosion test - IEC standard

* IEC 61215 & 61730 n °44 780 20 406749 - 219
IEC 61701 n °44 780 20 406749 - 242 (salt mist)

AESTHETIC & EASY TO INSTALL

Sleek and attractive design

Mechanical resistance up to 5400 Pa

Compatible with all roof installation systems

INDUSTRY OF THE FUTURE LABEL

Engineered in France :

R&D center in Marseille

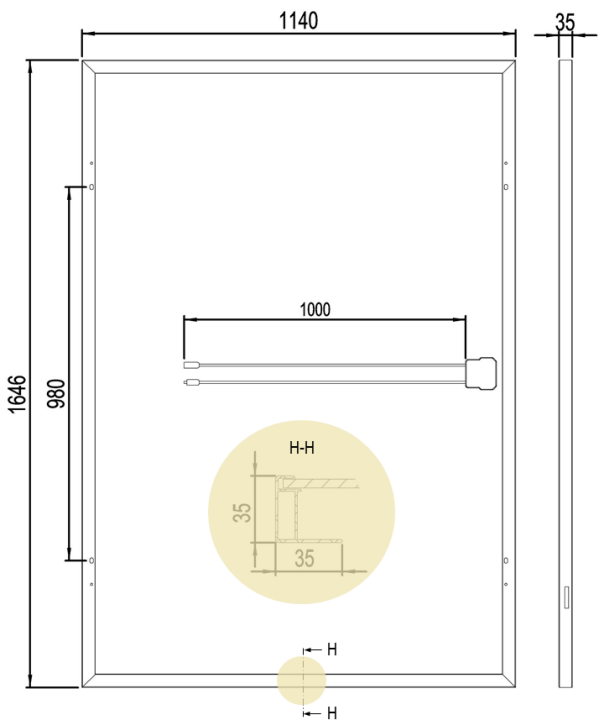
IDEAL PANEL FOR ROOF TYPES:

RESIDENTIAL | COMMERCIAL | INDUSTRIAL

Soren Recyclable panel

FLASH® 375 Shingle Black

Dimensions



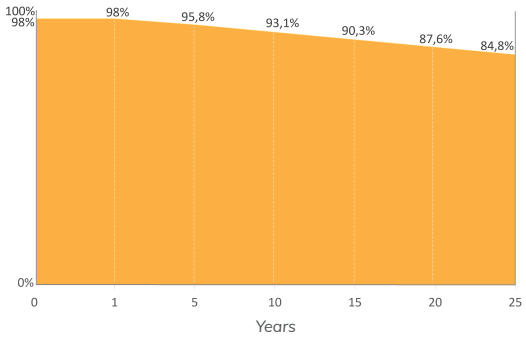
Physical characteristics

Length	1646 mm
Width	1140 mm
Thickness	35 mm
Weight	20,5 kg
Number of cells	360
Cell type	PERC Monocrystalline
Connectors	MC4 / MC4 compatible
Cable length	1000 mm
Junction box	IP67 - 2 diodes
Maximum load	5400 Pa (snow) / 2400 Pa (wind)
Frame / Backsheet	Black anodised aluminium / Black

Operational characteristics

Temperature	-40°C to +85°C
Maximum system voltage	1500 VDC
Maximum reverse current	20 A
NMOT	42,3 +/- 2°C
Application class	Class II

Linear power output warranty



Photovoltaic characteristics

Nominal power	375 W
Output power tolerance	0 / +3%
Module efficiency	20 %
Rated voltage (V_{mpp})	40,40 V
Rated current (I_{mpp})	9,28 A
Open circuit voltage (V_{oc})	48,90 V
Short-circuit current (I_{sc})	9,89 A

* STC conditions (AM 1.5 - 1000 W / m^2 - 25 ° C)
Measurement tolerance: +/- 3%

Find the installation instructions and mounting systems in our resource area:

Temperature coefficients

Voltage temperature coefficient (μV_{oc})	-0,27 %/°K
Current temperature coefficient (μI_{sc})	0,04 %/°K
Power temperature coefficient (μP_{mpp})	-0,34 %/°K

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DS375G1-360SBB5

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