

Perfect in association with hybrid SPRING® 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® 300 Black (PV-2)



OPTIMIZED PERFORMANCE

High performance monocrystalline cells
Positive classification -0/+5 Wp
Anti-reflective glass ensuring high performance even in diffused light

WARRANTY

French manufacturer
25-year linear power output warranty
20 years product warranty, 25 years in option*
(product and labour)

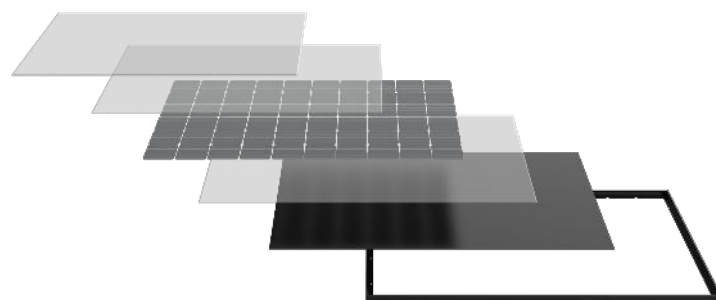


* Please refer to DualSun Premium Warranty Terms



AESTHETIC & EASY TO INSTALL

Sleek and attractive design
Mechanical resistance up to 5400 Pa
Compatible with all roof installation systems



QUALITY & SAFETY

CE marking
Certification according to IEC standards*
Salt mist corrosion test - IEC standard

* IEC 61215 & 61730 n°Z2 103216 0006 Rev.01
IEC 61701 n°Z2 103216 0007 Rev.00 (salt mist)
UL1703 n°702139, CEC listed

RELIABILITY AND COMPETITIVENESS

The DualSun FLASH® photovoltaic panel is manufactured according to very strict specifications, and each production batch is systematically audited by a specialized third-party control office.



INDUSTRY OF THE FUTURE LABEL

Engineered in France :
R&D center in Marseille

IDEAL PANEL FOR ROOF TYPES:

RESIDENTIAL



COMMERCIAL



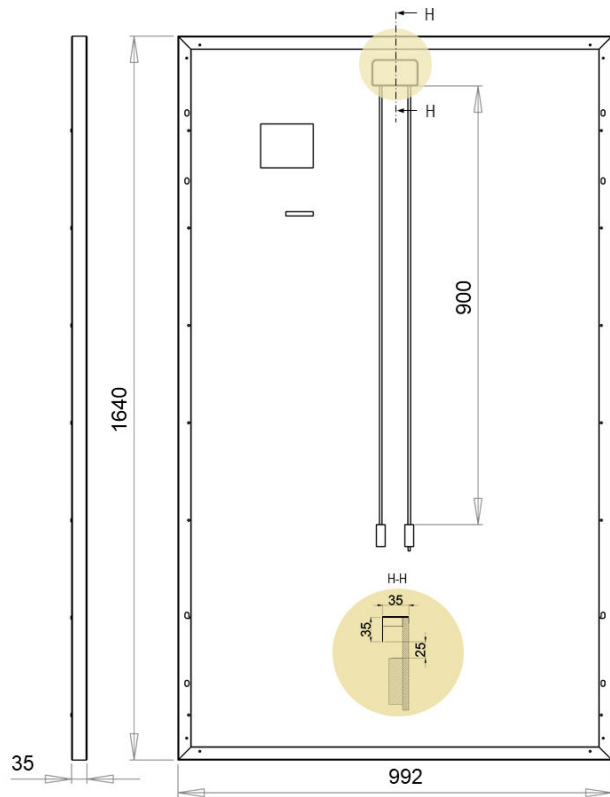
INDUSTRIAL



Recyclable panel



Dimensions



Physical characteristics

Length	1640 mm
Width	992 mm
Thickness	35 mm
Weight	18,5 kg
Number of cells	60
Cell type	PERC Monocrystalline
Connectors	MC4 compatible
Cable length	900 mm
Junction box	IP67 - 3 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	1000 VDC
Maximum reverse current	15 A
NMOT	45 +/- 2°C
Application class	Class A

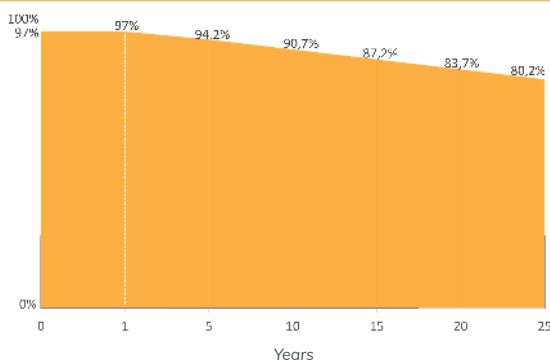
Photovoltaic characteristics

Nominal power	300 W
Output power tolerance	0/+3%
Module efficiency	18,3 %
Rated voltage (V_{mpp})	32,3 V
Rated current (I_{mpp})	9,28 A
Open circuit voltage (V_{oc})	39,9 V
Short-circuit current (I_{sc})	9,96 A

* STC conditions (AM 1.5 - 1000 W / m² - 25 ° C)

Measurement tolerance: +/- 3%

Linear power output warranty



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



Temperature coefficients

Voltage temperature coefficient (μV_{oc})	-0,31 %/°K
Current temperature coefficient (μI_{sc})	0,06 %/°K
Power temperature coefficient (μP_{mpp})	-0,432 %/°K