

A high-efficiency, low-carbon certified photovoltaic panel. Ideal for 100-500 kWp installations.

## FLASH<sup>®</sup> 380 Half-Cut White



### OPTIMIZED PERFORMANCE

High performance monocrystalline cells White backsheet for better photovoltaic production

### WARRANTY

French manufacturer  
20 year of product warranty  
+5 years warranty extension upon activation of warranties\*

Performance guarantees on the photovoltaic yield of 25 years



\* Conditions for activating guarantees on [dualsun.com](https://dualsun.com)



### QUALITY & SAFETY

CE marking  
Certified following IEC norms\*  
Salt mist corrosion test - IEC standard

\* IEC 61215 & 61730 n°  
IEC 61701 n°  
IEC 62716 n°

### 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

Photovoltaic cells laminated in Asia for an optimized value chain  
Systematic audit of productions by third-party control office

### IDEAL PANEL FOR ROOF TYPES:

RESIDENTIAL



COMMERCIAL

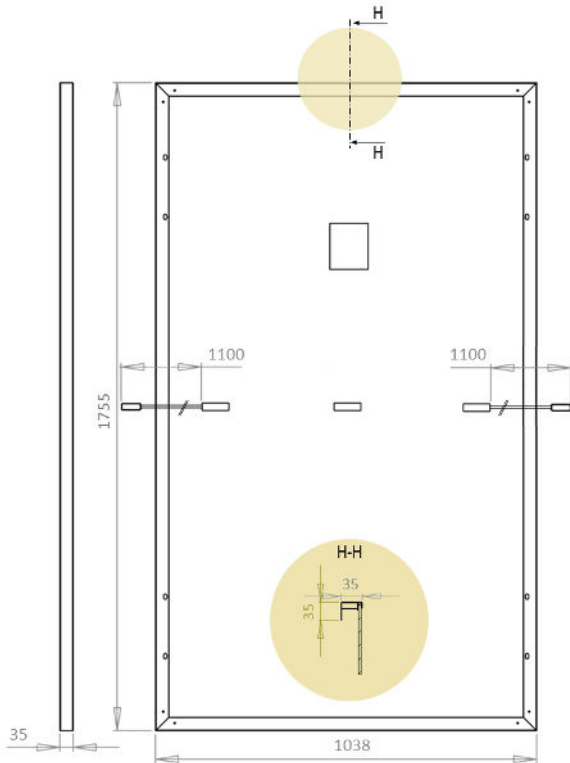


INDUSTRIAL





## Dimensions



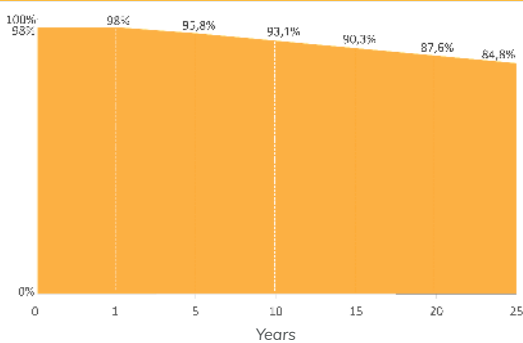
## Physical characteristics

Dimensions (L x W x T)	1755 mm x 1038 mm x 35mm	
Weight	21 kg	
Number of cells	120 1/2	
Cell type	PERC Monocrystalline<	
Connectors	MC4 Original Stäubli	
Cable length	1100 / 1100 mm	
Junction box	IP67 - 3 diodes	
Maximum load	5400 Pa (Snow)	2400 Pa (Wind)
Frame / Backsheet	Black anodised aluminium / White	
ECS value	481 kg CO <sub>2</sub> /kWc-e	
Glass thickness	3,2mm	

## Operational characteristics

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

## Linear power output warranty



## Photovoltaic characteristics

Nominal power	380 W
Output power tolerance	0 / +5W
Module efficiency	20,86 %
Rated voltage ( $V_{mpp}$ )	34,24 V
Rated current ( $I_{mpp}$ )	11,11 A
Open circuit voltage ( $V_{oc}$ )	42,06 V
Short-circuit current ( $I_{sc}$ )	11,52 A

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

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



## Temperature coefficients

Voltage temperature coefficient ( $\mu V_{oc}$ )	-0,256 %/K
Current temperature coefficient ( $\mu I_{sc}$ )	0,0487 %/K
Power temperature coefficient ( $\mu P_{mpp}$ )	-0,328 %/K

v1.3-March 2023 –  
DSxxx-120M6-02-V