



DUALSUN

FLASH

DualSun Flash 300M
DualSun Flash 310M

A high-performance photovoltaic panel
ideal for any type of PV installation

✓ **Finest esthetics, easy and flexible installation**

- Elegant and attractive design
- Portrait and landscape installation
- Mechanical load up to 5,400 Pa
- Compatible with all roof mounting systems

✓ **Optimized for performance**

- High-efficiency monocrystalline cells
- Positive classification -0/+5 Wc
- Antireflective glass ensures high yields even at diffuse irradiation

✓ **Highest quality standards**

- DIN EN ISO 9001:2015 certified factory
- Certification* according to IEC, CSA and CEC standards
- Salt mist corrosion testing according to IEC* standards

✓ **Warranty**

- 25 years linear power warranty
- 20 years product warranty, 25 years** optional warranty (product and labour costs)
- French manufacturer



*IEC 61215 & 61730 n°Z2.103216.0001 Rev. 00 / IEC 61701 n°Z2.103216.0002 Rev. 00 (Salt mist) / ULL703 n°702139
**Please refer to DualSun Premium Warranty Terms

Certifications:



A photovoltaic panel **100%**
Identical to hybrid DualSun Spring panels



TECHNICAL DATA

PHYSICAL DATA

Length	1650 mm
Width	991 mm
Frame width	35 mm
Weight	16,2 kg
Number of cells	60
Cell type	Monocrystalline
Connectors	MC4
Junction box	IP67 – 3 diodes
Maximum load	5400 Pa (snow) / 2400 Pa (wind)
Frame colour	Black anodised aluminium

OPERATIONAL CHARACTERISTICS

Temperature	-40°C to +85°C
Maximum system voltage	1000 VDC
Reverse current load	20 A
NOCT	45 ± 2°C
Application class	Class II

PHOTOVOLTAIC CHARACTERISTICS

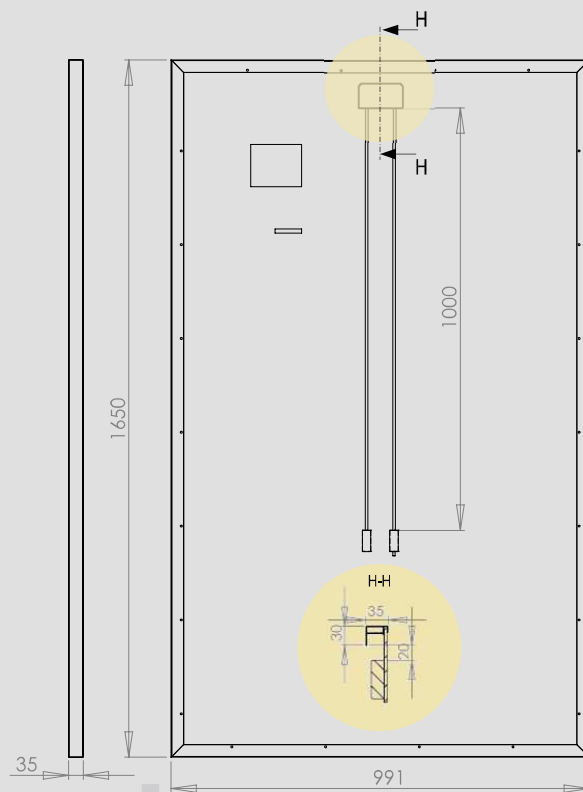
STC Conditions (AM 1,5 – 1000 W/m² – 25°C)

Nominal power (P _{mpp} / W)	300	310
Power output tolerance	0 / +5W	
Module efficiency (%)	18,3	19
Rated voltage (V _{mpp} / V)	32,3	33,1
Rated current (I _{mpp} / A)	9,28	9,36
Open circuit voltage (V _{oc} / V)	39,9	40,5
Short circuit current (I _{sc} / A)	9,96	10,02

Power measurement tolerance : +/- 3%

TEMPERATURE COEFFICIENTS

Voltage temperature coefficient (μV _{oc})	-0,286 %/°C
Current temperature coefficient (μI _{sc})	0,057 %/°C
Power temperature coefficient (μP _{mpp})	-0,370 %/°C



List of Flash compatible mounting systems available on DualSun website – Professional Area

