

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

✓ **Finest esthetics and easy 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 PERC 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  
25 years product and labour costs warranty\*\*  
French manufacturer



\*IEC 61215 & 61730 n°Z2 103216 0001 Rev. 00 / IEC 61701 n°Z2 103216 0002 Rev. 00 (Salt mist) / UL1703 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	18,5 kg
Number of cells	60
Cell type	PERC Monocrystalline
Connectors	MC4 / MC4 compatible
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
Reverse current load	20 A
NOCT	45 ± 2°C
Application class	Class II

## PHOTOVOLTAIC CHARACTERISTICS

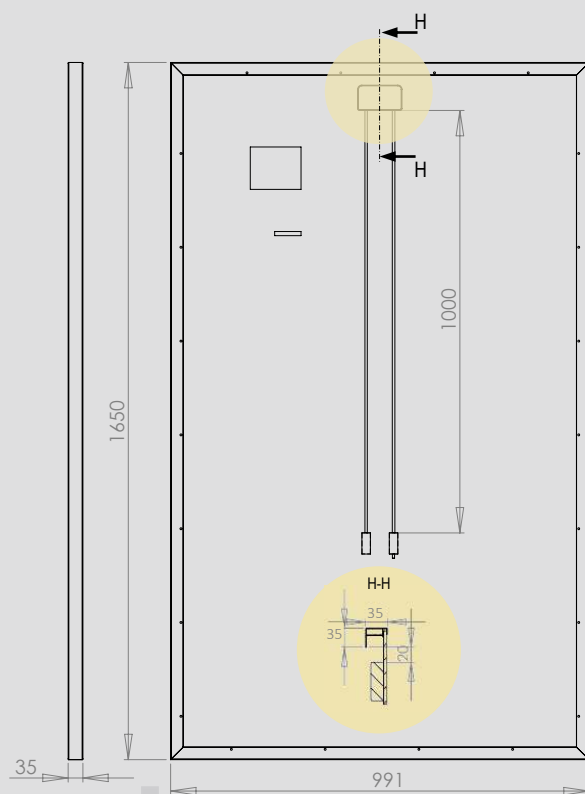
STC Conditions (AM 1,5 – 1000 W/m<sup>2</sup> – 25°C)

Nominal power (P <sub>mpp</sub> / W)	300	310
Power output tolerance	0 / +5W	
Module efficiency (%)	18,3	19,1
Rated voltage (V <sub>mpp</sub> / V)	32,6	33,2
Rated current (I <sub>mpp</sub> / A)	9,19	9,31
Open circuit voltage (V <sub>oc</sub> / V)	39,9	40,3
Short circuit current (I <sub>sc</sub> / A)	9,77	9,88

Power measurement tolerance : +/- 3%

## TEMPERATURE COEFFICIENTS

Voltage temperature coefficient (μV <sub>oc</sub> )	-0,29 %/°C
Current temperature coefficient (μI <sub>sc</sub> )	0,05 %/°C
Power temperature coefficient (μP <sub>mpp</sub> )	-0,390 %/°C



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

