

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

✓ Optimized for performance

High-efficiency PERC monocrystalline cells
White backsheet for better PV production
Antireflective glass ensures high yields even at diffuse irradiation

✓ Easy and flexible installation

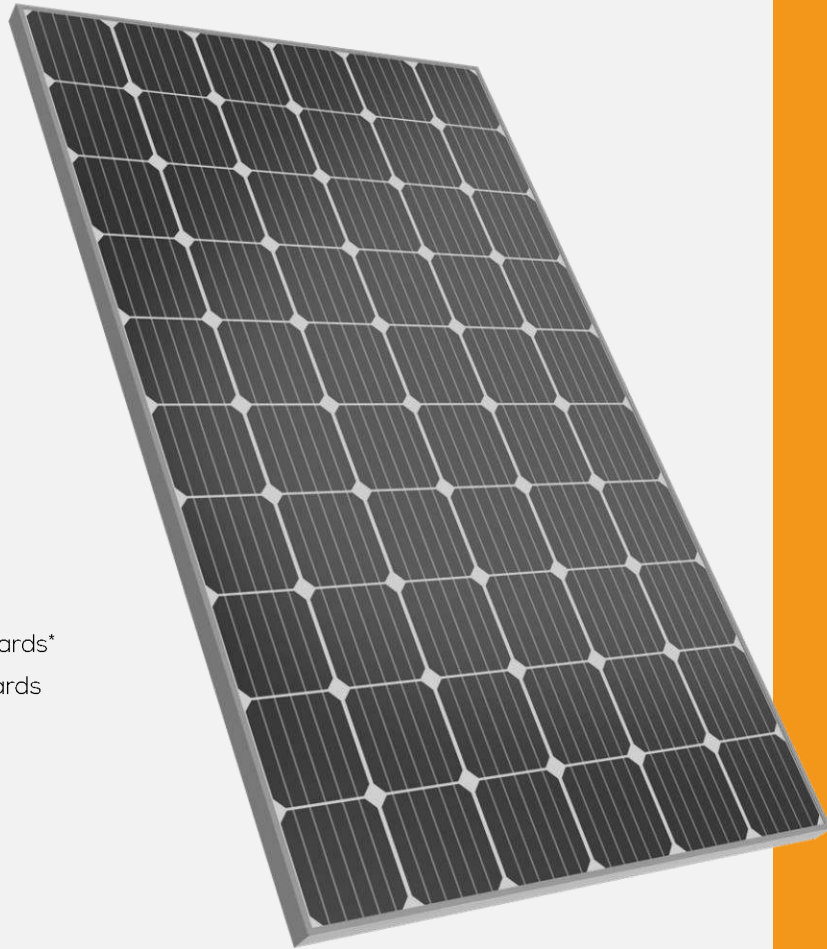
Compatible with all roof mounting systems
Portrait and landscape installation
Mechanical load up to 5,400 Pa

✓ Highest quality standards

Certification according to IEC, CSA and CEC standards*
Salt mist corrosion testing according to IEC standards
Positive classification -0/+5 Wc

✓ Warranty

25 years linear power warranty
25 years product and labour costs warranty**
French manufacturer



*IEC 61215 & 61730 n°Z2 103216 0004 Rev. 00 / UL61730 n°80035968
** Please refer to DualSun Premium Warranty Terms



TECHNICAL DATA

PHYSICAL DATA

Length	1658 mm
Width	996 mm
Frame width	35 mm
Weight	19,5 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	Anodised aluminium / White

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

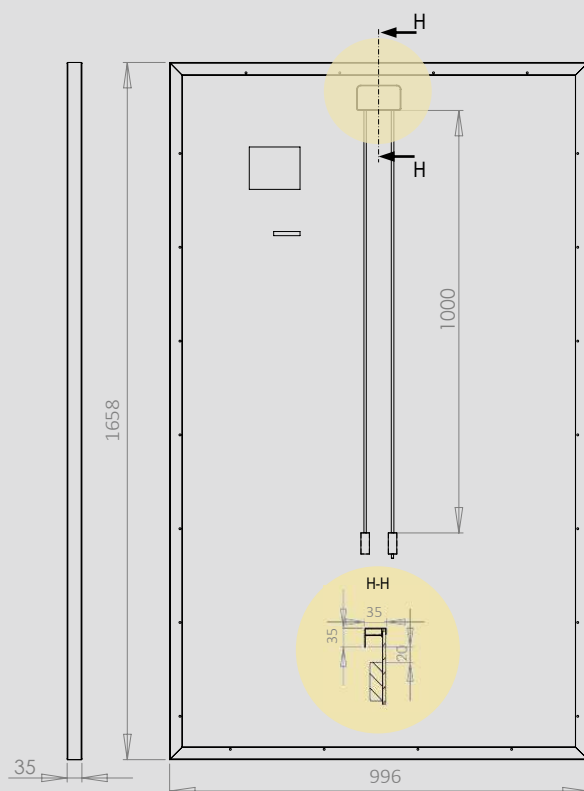
STC Conditions (AM 1,5 - 1000 W/m² - 25°C)

Nominal power (P _{mpp} / W)	320
Power output tolerance	0 / +5W
Module efficiency (%)	19,38
Rated voltage (V _{mpp} / V)	33,13
Rated current (I _{mpp} / A)	9,66
Open circuit voltage (V _{oc} / V)	40,43
Short circuit current (I _{sc} / A)	10,19

Power measurement tolerance : +/- 3%

TEMPERATURE COEFFICIENTS

Voltage temperature coefficient (μV _{oc})	-0,29 %/°C
Current temperature coefficient (μI _{sc})	0,05 %/°C
Power temperature coefficient (μP _{mpp})	-0,36 %/°C



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

