Silk® Nova Green

Silk® Color
Italian Solar Design



390 W
Max module power

6000
RAL code

n-type
Technology

Key benefits and features

- Power 390 Watt
- 108 M10 n-type half-cut cells
- Ideal for “invisible” greenfield installations and fences
- Coloured glass for a consistent appearance over time
- Green colored glass and frame for special achitectural requirements (similar to RAL 6000)*
- 1722 x 1134 x 30 mm

Performance guarantee

- 30-years performance warranty with max power decrease from 2nd year 0.4%/year
- 99% at the end of first year
- 92% at the end of 20th year
- 89% at the end of 30th year

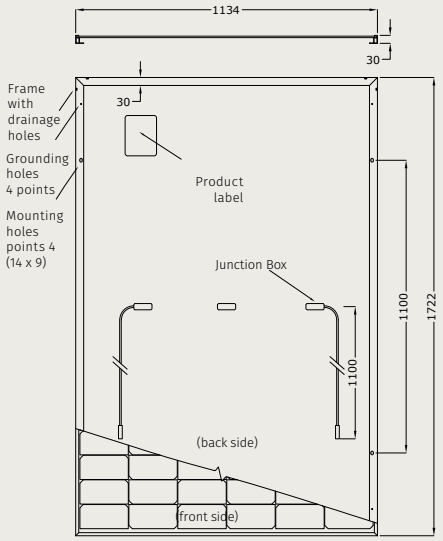
Product guarantees

- 15-year product warranty
- Third-party product liability insurance
- All FuturaSun’s modules are designed and guaranteed by the Italian headquarters

*All images shown are for illustration purpose only, product appearance and colour reference (RAL) may vary according to the installation, light and ambient reflection.

Mechanical Specifications

Dimensions	1722 x 1134 x 30 mm
Weight	20.8 kg
Glass	Green, High transmission, Tempered, ARC, Thickness 3.2 mm
Cells	108 monocrystalline half-cut MBB n-type cells 182 x 91 mm
Frame	Varnished anodized aluminium frame with mounting and drainage holes
Junction boxes	Certified according to IEC 62790, IP 68 approved, 3 bypass diodes
Cables	Solar cable, length 1100 mm or customized assembled with 4mm² compatible connectors
Backsheet	Composite Multilayer film - white
Maximum reverse current (Ir)	25 A
Maximum system voltage	1000 V (1500 V on request)
Mechanical load (snow)	Design load: 3600 Pa, (5400 Pa including safety factor 1.5)
Mechanical load (wind)	Design load: 1600 Pa, (2400 Pa including safety factor 1.5)



Note: dimensions in mm, tolerance +/- 2 mm

Electrical data - STC*		FU 390 M
Sorting tolerance	W	0/+5
Module power (Pmax)	W	390
Open circuit voltage (Voc)	V	38.12
Short circuit current (Isc)	A	12.46
Maximum power voltage (Vmpp)	V	32.15
Maximum power current (Impp)	A	12.19
Module efficiency	%	19.97

Electrical data - NOCT**		FU 390 M
Module power (Pmax)	W	294
Open circuit voltage (Voc)	V	36.24
Short circuit current (Isc)	A	10.06
Maximum power voltage (Vmpp)	V	29.93
Maximum power current (Impp)	A	9.84

Temperature ratings

Temperature coefficient Isc	%/°C	0.05
Temperature coefficient Voc	%/°C	-0.28
Temperature coefficient Pmax	%/°C	-0.29
NOCT**	°C	45
Operating temperature	°C	from -40 to +85

Certifications

Factory	ISO 9001 - 14001 - 45001
Product	Ongoing: IEC EN 61730, IEC EN 61215, Class 1 UNI9177

Packaging

Quantity / Pallet	36 pcs
Container 40' HC	936 pcs / 26 pallets

The information included in this module datasheet is subject to change without notice and is provided for informational purposes only. No contractual rights are established or should be inferred because of user's reliance on the information contained in this module datasheet. Please refer to the appropriate module user guide and module product specification document for more detailed technical information regarding module performance, installation and use.

*Standard Test Conditions (STC): 1000 W/m² - AM 1.5 - 25 °C - tolerance: Pmax (±3%). Voc (±4%). Isc (±5%)
**Bifacial Name Plate Irradiance (BNPI) Front side irradiation 1000 W/m² Back side reflection irradiation 135 W/m² Ambient temperature 25 °C
***Nominal Operating Cell Temperature (NOCT): 800 W/m² - T=45 °C - AM 1.5
****Bifacial Stress Irradiance (BSI): Front side irradiation 1000 W/m², Back side reflection irradiation 300 W/m²

EN_00

FuturaSun® anticipate tomorrow
FuturaSun Srl, Riva del Pasubio 14, 35013 Cittadella, PD, Italy
+39 049 5979802 | info@futurasun.it | futurasun.com

CE

For detailed information, please refer to the installation manual