Silk® Pro Duetto

FuturaSun® anticipate tomorrow



PERC | TECHNOLOGY INSIDE

370 W
Maximum power

20.30 %
Maximum efficiency

KEY BENEFITS AND FEATURES

- Power **370 Watt**
- 120 M6 **PERC** half-cut bifacial cells
- **Black frame** and transparent back glass
- **Double glass** reduces the risks of micro-cracks, snail trails, corrosion caused by moisture, **sand and salt mist**
- Ideal for **canopies** and **BIPV** installations
- 1756 x 1038 x 30 mm

Performance guarantee

- **30-years** performance warranty with max power decrease from 2nd year **0.5%**/year
- **97%** at the end of first year
- **90%** at the end of 20th year
- **85%** at the end of 30th year

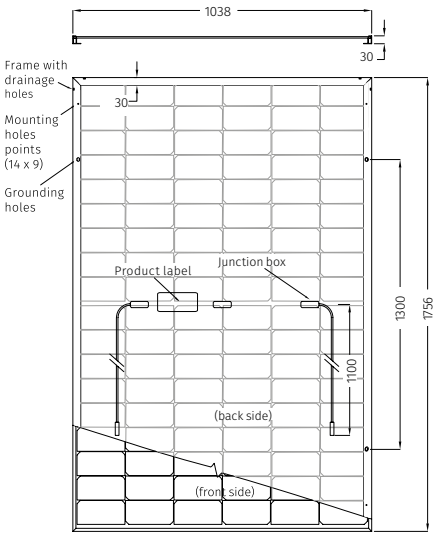
Product guarantees

- **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 may vary according to the installation, light and ambient reflection.

Mechanical Specifications

Dimensions	1756 x 1038 x 30 mm
Weight	23.3 kg
Glass	Front - 2.0 mm solar glass with ARC Back - 2.0 mm solar glass
Cells	120 monocrystalline half-cut bifacial MBB PERC cells 166 x 83 mm
Frame	Black 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
Back glass	Transparent
Maximum reverse current (Ir)	20 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 — FU 370 M

TEST CONDITIONS		STC*	BSTC**
Module power (Pmax)	W	370	403.70
Open circuit voltage (Voc)	V	41.20	41.21
Short circuit current (Isc)	A	11.31	12.17
Maximum power voltage (Vmpp)	V	34.23	34.86
Maximum power current (Impp)	A	10.81	11.58
Module efficiency	%	20.30	22.16
Sorting tolerance	W	0/+5	

Electrical data - NOCT** — FU 370 M

Module power (Pmax)	W	273
Open circuit voltage (Voc)	V	38.16
Short circuit current (Isc)	A	9.21
Maximum power voltage (Vmpp)	V	31.50
Maximum power current (Impp)	A	8.66

Temperature ratings

Temperature coefficient Isc	%/°C	0.05
Temperature coefficient Voc	%/°C	-0.28
Temperature coefficient Pmax	%/°C	-0.35
NOCT**	°C	45
Operating temperature	°C	from -40 to +85

Certifications

Factory	ISO 9001 - 14001 - 45001
Product	Class 1 UNI9177

Packaging

Quantity / Pallet	36 pcs
Container 40' HC	864 pcs / 24 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 Standard Test Conditions (BSTC) Front side irradiation 1000 Wp / sqm Back side reflection irradiation 135 Wp / sqm Ambient temperature 25 °C.

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For detailed information, please refer to the installation manual