Silk® Pro All Black

FuturaSun® anticipate tomorrow

PERC | TECHNOLOGY INSIDE

370 W
Maximum power

20.31 %
Maximum efficiency

KEY BENEFITS AND FEATURES

- Power **370 Watt**
- 120 M6 **PERC** half-cut cells
- The design with **two independent sections** ensures a higher energy yield under shaded conditions
- **Half-cut design** in combination with **multi-busbar** reduce operating current and internal resistance
- **Black frame** and black backsheet
- 1755 x 1038 x 35 mm

Performance guarantee

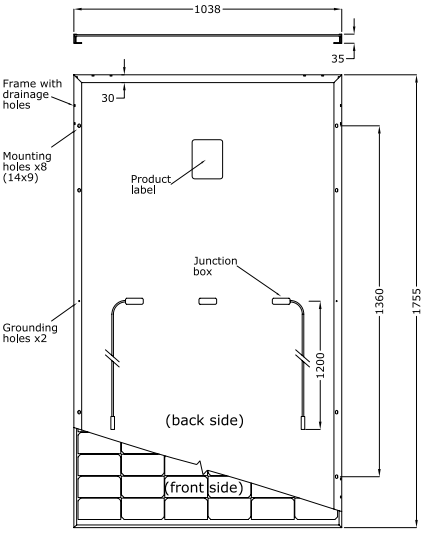
- **25-years** performance warranty with max power decrease from 2nd year **0.5%**/year
- **97%** at the end of first year
- **90%** at the end of 20th year
- **87%** at the end of 25th year

Product guarantees

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

Mechanical Specifications

Dimensions	1755 x 1038 x 35 mm
Weight	19.7 kg
Glass	High transmission, Low iron, Tempered, ARC, Thickness 3.2 mm
Cells	120 monocrystalline half-cut MBB PERC cells 166 x 83 mm
Frame	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 1200 mm or customized assembled with 4mm² compatible connectors
Backsheet	Composite Multilayer film - black front and white back
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 - STC*

		FU 370 M
Sorting tolerance	W	0/+5
Module power (Pmax)	W	370
Open circuit voltage (Voc)	V	41.20
Short circuit current (Isc)	A	11.31
Maximum power voltage (Vmpp)	V	34.23
Maximum power current (Impp)	A	10.81
Module efficiency	%	20.31

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	IEC 61730, IEC EN 61215, IEC EN 61730, Fire Class C, Class 1 UNI9177, IEC EN 61701, IEC EN 62716, MCS, INMETRO

Packaging

Quantity / Pallet	31 - 34 pcs
Container 40' HC	845 pcs / 26 pallets

*Standard Test Conditions STC: 1000 W/m² - AM 1.5 - 25 °C - tolerance: Pmax (±3%). Voc (±4%). Isc (±5%)
**Nominal Operating Cell Temperature NOCT: 800 W/m² - T=45 °C - AM 1.5

EN_02

FuturaSun® anticipate tomorrow
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For detailed information, please refer to the installation manual