



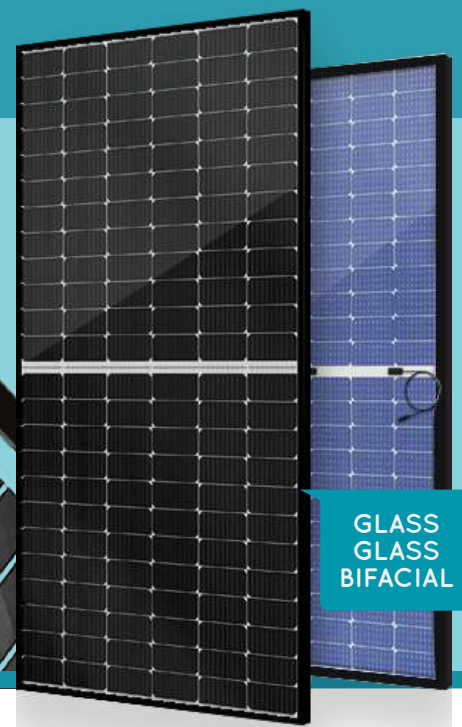
FISA TEHNICA

**PANOU FOTOVOLTAIC
MYLIGHT SYSTEMS
370WP QUARTZ
BIFACIAL MONOPERC**

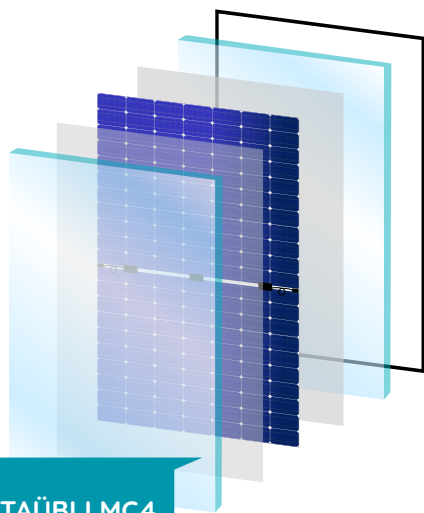


QUARTZ BIFACIAL

370 Wp



GLASS
GLASS
BIFACIAL



STAÜBLI MC4
CONNECTORS



MyLight Systems, France's leading manufacturer of solar self-consumption solutions, is driven by the ambition to enable everyone to produce their own electricity

At every stage of their production process, our modules benefit from our unique know-how that combines innovation and a demand for premium quality.

MyLight Systems and French Tech share the same mission: to make France one of the most attractive countries in the world and to build a future that makes sense.



Double-sided technology :

electricity is produced by both sides of the module

Production of **up to 30%** more power using the light reflected by the rear



Dual glass technology that is built to last

- No risks of micro-cracks, thanks to the identical strength of the two sides of the cell
- The rear of the module is totally waterproof



Half-cell technology :

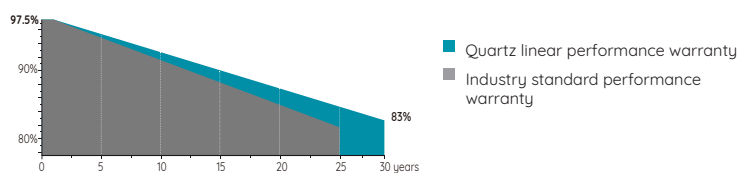
- High-performance panel
- Higher surface efficiency



More power, irrespective of the weather conditions :

- High energy performance thanks to the performance in poor light
- Highly resistant to the environmental conditions (sand, acid, hail, salt mist, ammonia)
- Anti-PID

Linear performance



Certifications & Accreditations



Quality standards

ISO19001 / ISO14001 / OHSAS18001

0/+5Wp

Power tolerance

30 years

Product warranty

30 years

Linear performance warranty

MECHANICAL DATA

Dimensions (L/W/H)	1755 x 1038 x 30 mm
Weight	23.5 kg
Number of cells, type and dimensions	120 PCS PERC monocrystalline 166 x 83 mm
Front/rear glass	High-transparency, anti-reflection glass, 2.0 mm x 2
Frame	Anodized aluminium
Type of connector	Stäubli MC4
Junction box	IP68 with three diodes
Connecting cable	4.0 mm ² , Portrait: 255 mm (+) / 355 mm (-); Landscape: 1,200 mm

PACKAGING SPECIFICATIONS

Modules per pallet	32
Modules per truck	768

ELECTRICAL DATA (STC*)

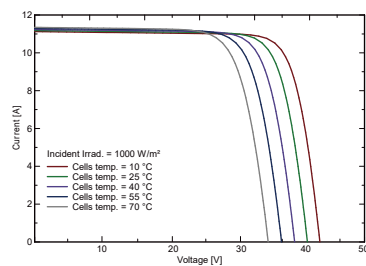
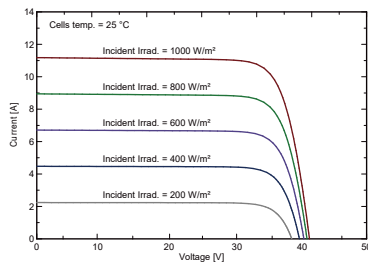
MODEL	370Wp
	Front
Maximum power P_{max} (W)	370
Open circuit voltage V_{oc} (V)	41.6
Short circuit current I_{sc} (A)	11.34
Maximum power voltage V_{mp} (V)	34.6
Maximum power current I_{mp} (A)	10.63
Module efficiency η_m (%)	20.31
Power tolerance (W)	0/+4.99
P_{max} temperature coefficient	-0.36 %/°C
V_{oc} temperature coefficient	-0.28 %/°C
I_{sc} temperature coefficient	+0.05 %/°C

*STC (Standard Test Conditions): Irradiance 1,000 W/m², module temperature 25°C; AM = 1.5

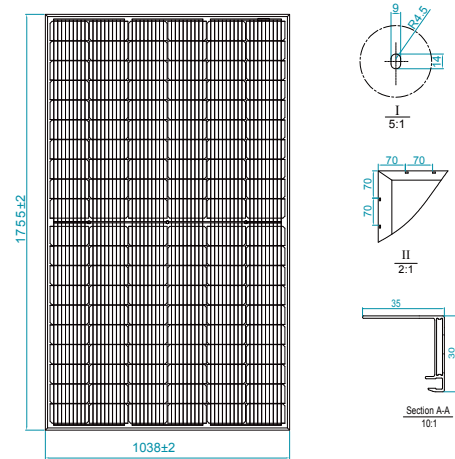
APPLICATION CONDITIONS

Maximum system voltage	1500VDC
Maximum Series Fuse Rating	20A
Operating temperature	-40 +85 °C
Nominal Operating Cell Temperature	45 +/- 2 °C
Bifaciality	70% +/- 5%
Mechanical load	Front 5400Pa / Rear 2400Pa

CHARACTERISTIC CURVE



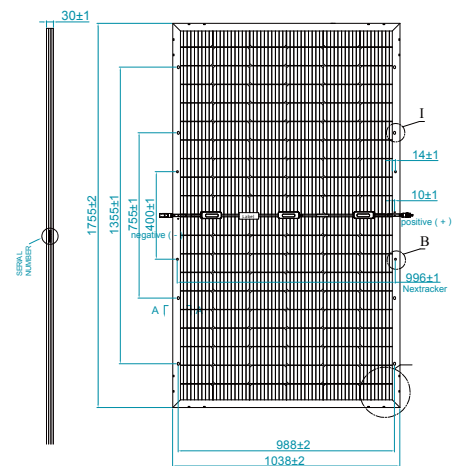
DIMENSIONS*



*all dimensions are in mm

REAR IRRADIANCE - rear side power gains

	10%	15%	20%	25%	30%
	407	426	444	463	481
	41,6	41,6	41,6	41,6	41,6
	12,47	13,04	13,61	14,18	14,74
	34,6	34,6	34,6	34,6	34,6
	11,69	12,22	12,76	13,29	13,82





WWW.ALASKA-ENERGIES.RO



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