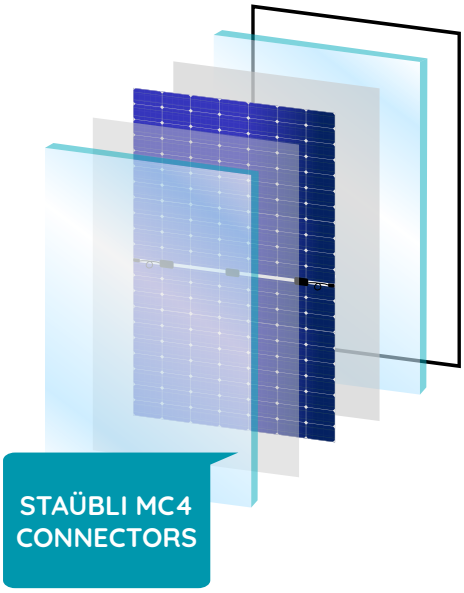
mylight
SYSTEMS

QUARTZ BIFACIAL

370 Wp

MYL-370-BMB-BG

GLASS
GLASS
BIFACIAL



STAÜBLI MC4
CONNECTORS

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

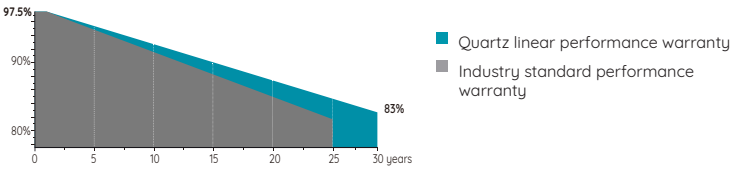
Half-cell technology :

- 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



La FRENCH TECH

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.

Certifications & Accreditations

CE · TÜV SÜD · PV CYCLE · CLEAN ENERGY COUNCIL MEMBER

Quality standards

ISO19001 / ISO14001 / OHSAS18001

0/+5Wp
Power tolerance

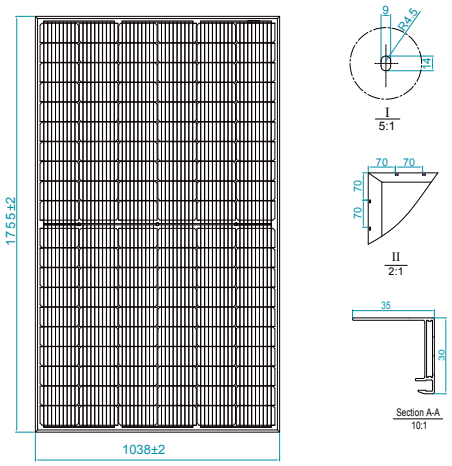
30 years
Product warranty

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	Staübli MC4
Junction box	IP68 with three diodes
Connecting cable	4.0 mm², Portrait: 255 mm (+) / 355 mm (-); Landscape: 1,200 mm

DIMENSIONS*



*all dimensions are in 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

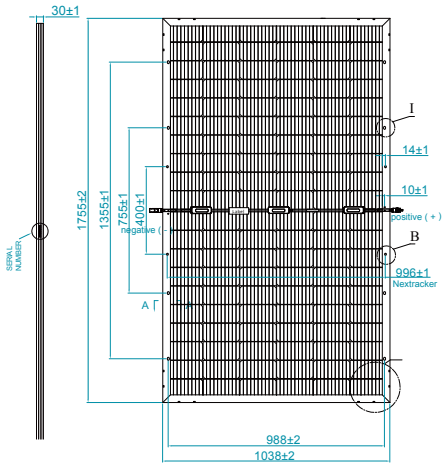
*STC (Standard Test Conditions): Irradiance 1,000 W/m2, module temperature 25°C; AM = 1.5

REAR IRRADIANCE – rear side power gains

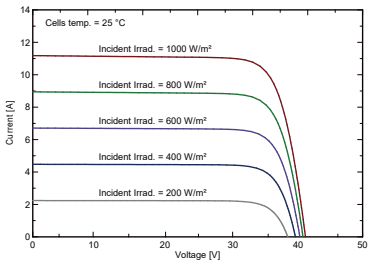
10%	15%	20%	25%	30%
407	426	444	463	481
41,6	41,6	41,6	41,6	41,6
12,47	13,04	13,61	14,18	14,74
34,6	34,6	34,6	34,6	34,6
11,69	12,22	12,76	13,29	13,82

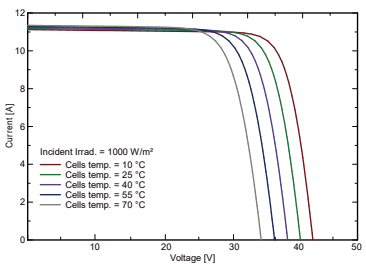
APPLICATION CONDITIONS

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





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