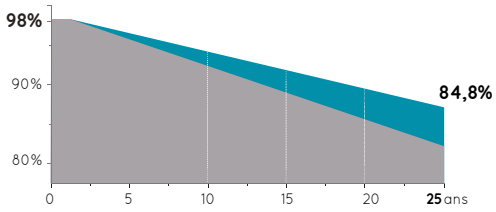
mylight
SYSTEMS

CRYSTAL
405Wp
MYL405M10-54HBW-V

LOW CARBON

Linear performance



Crystal linear performance warranty

Industry standard performance warranty

Carbon footprint
Less than 550kg eq CO2/kWp

Half-cell technology
- High performance panel
- Higher surface efficiency

Black Frame White Background
Style and performance preserved

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)
- Higher tolerance of shade

Staübli MC4 connector

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 knowhow 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.

Qualifications & Accreditations

CE TÜV PV CYCLE

Quality standards
ISO9001 / ISO14001 / ISO45001

0/+5W
Power tolerance

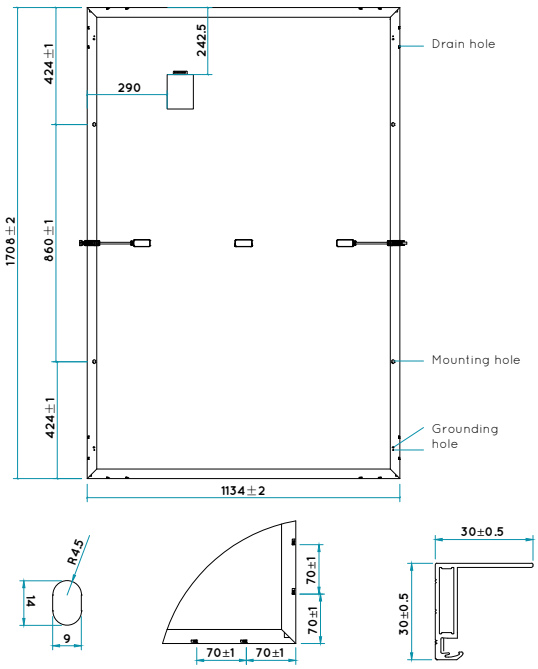
25 years
Productwarranty

25 years
Linear performance warranty

MECHANICAL DATA

Dimensions (L/W/H)	1708 x 1134 x 30mm
Weight	20 kg
Number of cells, type and dimensions	108 pcs PERC monocristalline 182 x 91 mm
Glass	2,8 mm
Frame	Anodized aluminium
Type of connector	Staübli MC4 EVO2
Junction box	IP68
Connecting cable	4.0mm ; 1100mm
Mechanical load	Front 5400Pa / Rear 2400Pa

DIMENSIONS*



*all dimensions are in mm

PACKAGING SPECIFICATIONS

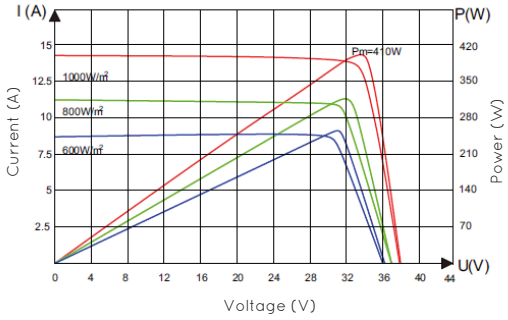
Modules per pallet	36
Modules per truck	936

ELECTRICAL DATA (STC*)

MODEL	**405Wp**
Maximum power P_{max} (W)	405
Open circuit voltage V_{oc} (V)	37.33
Short circuit current I_{sc} (A)	13.68
Maximum power voltage V_{mp} (V)	30.52
Maximum power current I_{mp} (A)	13.28
Module efficiency η_m (%)	20.91
Power tolerance (W)	0/+5W
Maximum system voltage	1500VDC
Maximum Series Fuse Rating	25 A

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

CHARACTERISTIC CURVE



APPLICATION CONDITIONS

P_{max} (W) Temperature coefficient	-0.330%/°C
V_{oc} (V) Temperature coefficient	-0.246%/°C
I_{sc} (A) Temperature coefficient	+0.0448%/°C
Operating temperature	-40~+85 °C

FTE-0069-Datasheet Crystal panel 405Wp -V1/2022

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