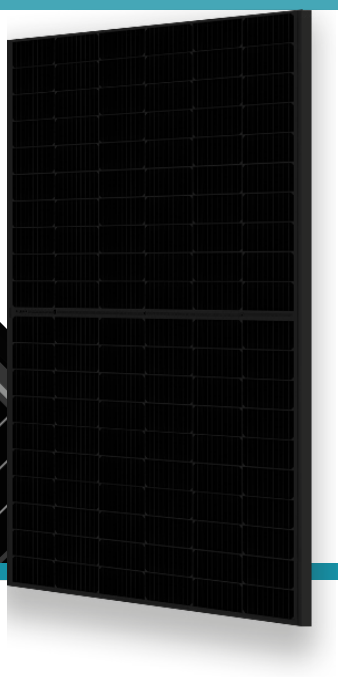
mylight SYSTEMS

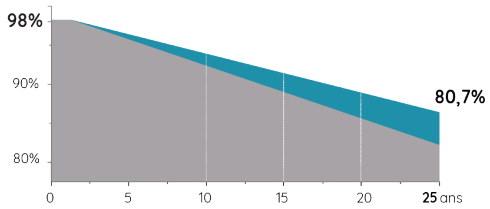
BLACK CRYSTAL

375Wp G2

MYL-375-BMB-HV



Linear performance



Black Crystal linear performance warranty

Industry standard performance warranty

Half-cell technology :

- High-performance panel
- Higher surface efficiency

Style

Perfect integration for an optimal full-black finish

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 know-hownthat 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

ISO9001 / ISO14001 / OHSAS18001

0/+5W
Power tolerance

25 years
Product warranty

25 years
Linear performance warranty

MECHANICAL DATA

Dimensions (L/W/H)	1755 x 1038 x 35mm
Weight	19,5kg
Number of cells, type and dimensions	120 pcs PERC monocristalline
Glass	Anti-reflection glass 3,2mm
Frame	Anodized aluminium
Type of connector	Staübli MC4
Junction box	IP68 with 3 diodes
Connecting cable	4.0mm², 1200mm
Mechanical load	Front 5400Pa / Rear 2400Pa

PACKAGING SPECIFICATIONS

Modules per pallet	33
Modules per truck	792

ELECTRICAL DATA (STC*)

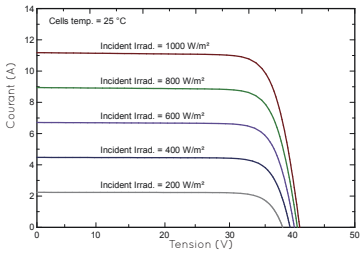
MODEL	375Wp
Maximum Power P_{max} (W)	375
Open circuit voltage V_{oc} (V)	41.8
Short circuit current I_{sc} (A)	11.41
Maximum power voltage V_{mp} (V)	34.8
Maximum power current I_{mp} (A)	10.78
Module efficiency η_m (%)	20.59
Power tolerance (W)	0/+5W
Maximum system voltage	1500VDC
Maximum Series Fuse Rating	20A

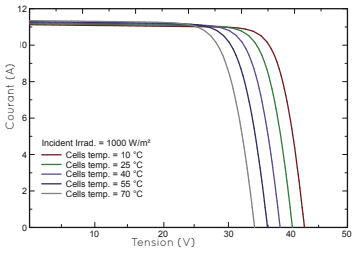
*STC (Standard Test Conditions): Irradiance 1,000 W/m2, module temperature 25°C; AM = 1.5

APPLICATION CONDITIONS

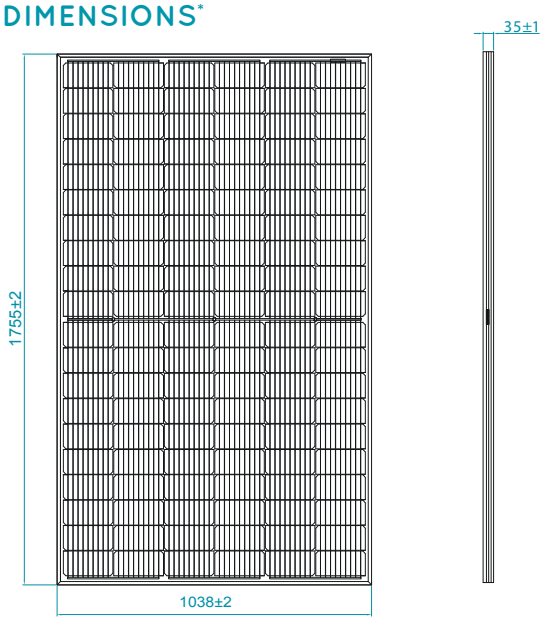
P_{max} temperature coefficient	-0.35%/°C
V_{oc} temperature coefficient	-0.27%/°C
I_{sc} temperature coefficient	+0.05%/°C
Operating temperature	-40~+85 °C
Nominal Operating Cell temperature	42-+2 °C

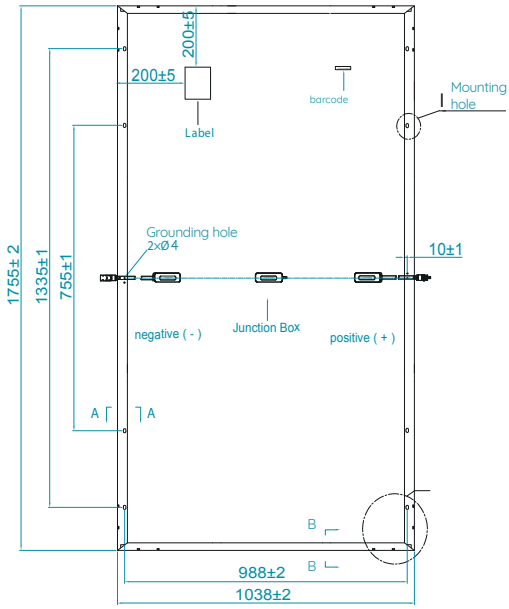
CHARACTERISTIC CURVE

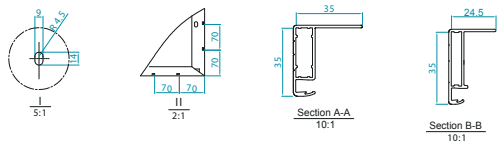




DIMENSIONS*







*all dimensions are in mm

FTE-0054-Datasheet Black Crystal panel 375Wp G2-V1

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