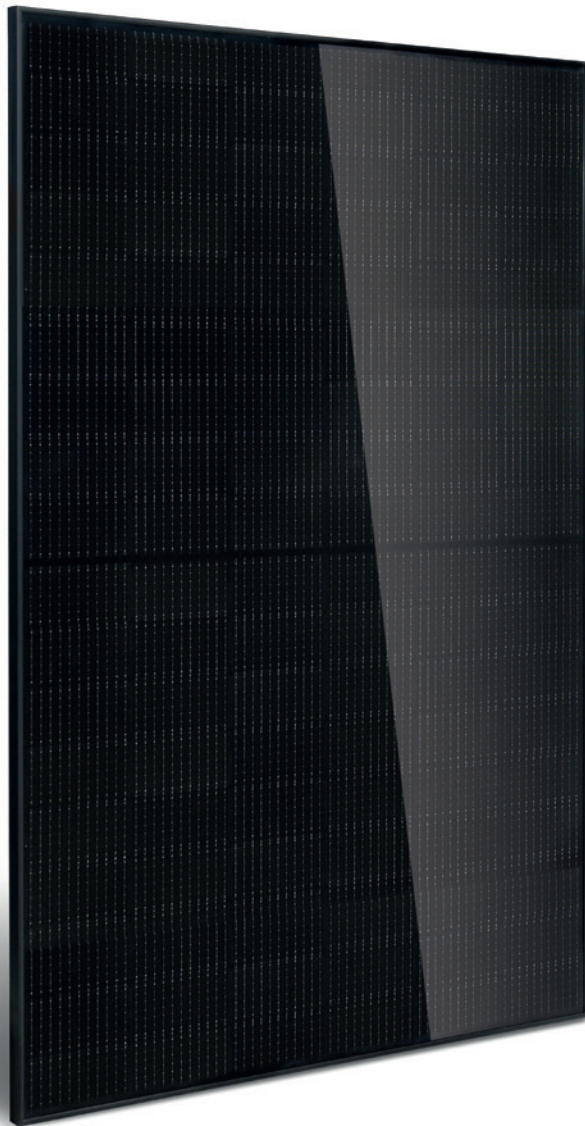


Elegance 410



1722 x 1134 mm



Elegance 410

High efficiency photovoltaic modules
ideal for civil and commercial installations.
A lot of power in a compact package.

108 MONO crystalline cells
in a **Half-cell** configuration with
PERC technology welded up to 11 busbar.



30 years warranty on the product
Guaranteed output Power > **84.8 %** after 25 years

100% made in **Italy** **Photovoltaic** modules, made with **passion**.

Let's start from the **warranty: 30** years on the product.

Clearly to give such a warranty the product must be made with the highest care:

- we only use the **highest quality raw materials**;
- we automated **each step** of our production process;
- We supervise every step of the production with dedicated operators for **visual** and **technical inspection**: we want to be sure to reach the highest quality standard available;
- A final production line **check** is applied **to 100% of the panels** at the end of the production phase to ensure the excellence of our products.



High performance reliability even with environmental temperature shifts



Higher power production



High mechanical stress resistance



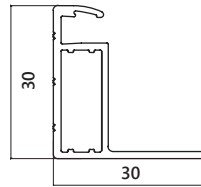
Minimal impact from shade to power production



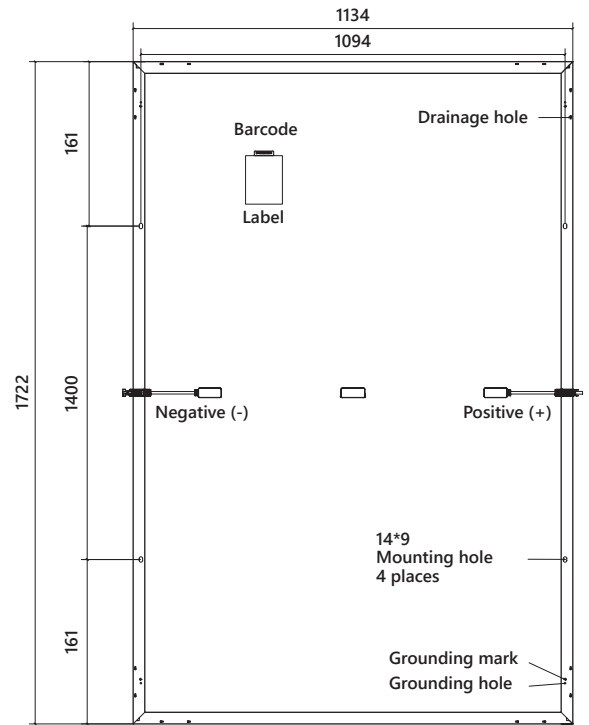
Felling of hot spot generation risk

Mechanical Data

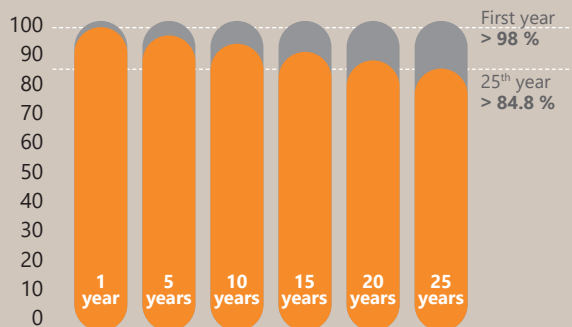
Cell Type	type Mono-crystalline
Cell Arrangement	108 (6x18)
Module Dimensions	1722 x 1134 x 30 mm
Weight	21.2 kg
Module Structure	Glass / Encapsulant / Backsheet
Glass Thickness	3.2 mm
Module Classification	Class II
Protection class	
Junction Box Rating	IP68
Cables	4 mm ² / 1100 mm
Connector Type	PV-ZH202B or MC4 (1000V) PV-ZH202B or MC4-EVO 2A (1500V)



Back view
note: mm



Highest level power output



Power output >
84.8

after 25 years

Certifications

- IEC 61215 System usage durability
- IEC 61730 Safety module qualification
- IEC 62716 Ammonia corrosion
- IEC 61701 Salt mist corrosion



Electrical Specifications

Module Type	G395M10-54HBB		G400M10-54HBB		G405M10-54HBB		G410M10-54HBB	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Testing Condition	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Pm (W)	395	299	400	303	405	307	410	311
Imp (A)	12.94	10.25	13.03	10.32	13.11	10.40	13.20	10.47
Vmp	30.56	29.22	30.73	29.38	30.91	29.55	31.09	29.72
Isc (A)	13.81	11.08	13.90	11.15	13.98	11.21	14.06	11.28
Voc (V)	36.97	35.11	37.09	35.23	37.21	35.34	37.33	35.46
Module Efficiency	20.23%		20.48%		20.74%		21.00%	

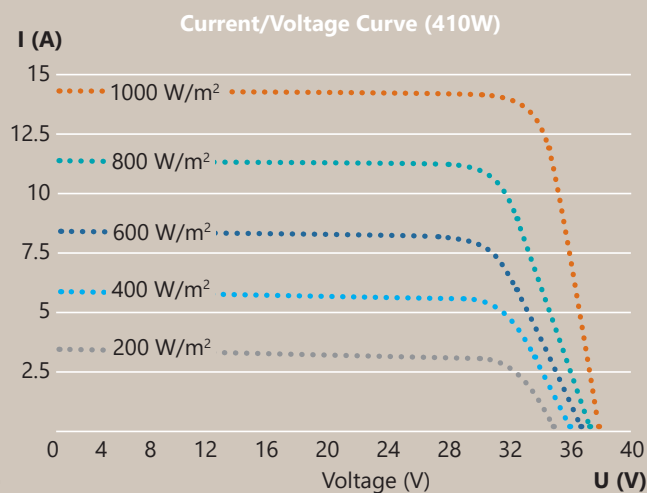
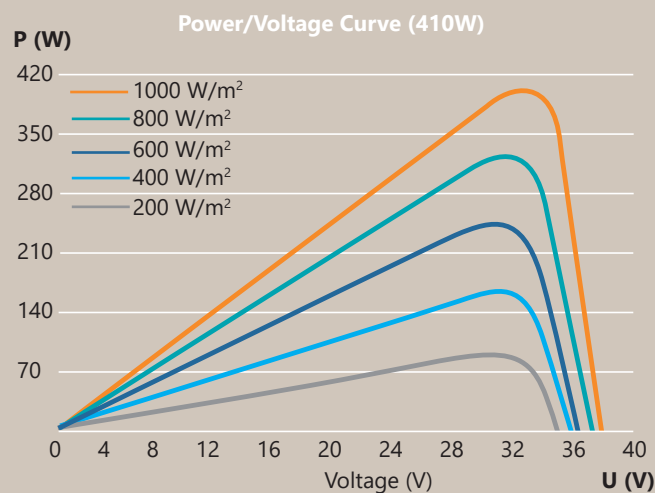
Pmax Tolerance 0/+3% - STC: AM1.5 1000W/m² 25°C - NOCT: AM1.5 800W/m² 20°C 1m/s - Measurement uncertainty: ± 3%

Temperature Characteristics

Nominal Operating Cell Temperature (NOCT)	42 ± 3 °C
Temperature Coefficient of Isc	+0.0448% / °C
Temperature Coefficient of Voc	-0.246% / °C
Temperature Coefficient of Pmax	-0.330% / °C

Packaging

Pallet Dimensions	1770 x 1140 x 1250mm
Container	40' HQ
Pieces per Pallet	36
Pieces per Container	936



Maximum Ratings

Operating Temperature	-40 °C to +85 °C
Maximum Load Capacity	Snow 5400 Pa / Wind 2400 Pa
Maximum System Voltage	1000 V / 1500 V DC (IEC)
Maximum Series Fuse Rating	25A
Number of diodes	3

Disclaimer: due to ongoing technological advancements, the parameters of the product will be adjusted to the needs. At the moment of the contract signing the latest data available stated by the company are the ones that will be referred to.

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Italian panel generation

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