



# AZIMUT MONOCRYSTALLINE



Product Made in Italy



Warranty on production defects: 12 years



Classification Only positive MPP +3 / -0% = + kWh produced each year



Periodic Factory inspection by TÜV Intercert



CLASS 1 Reaction to fire according to the UNI 9177 standard



Ammonia test according to IEC 62716 Salt mist test according to IEC 61701



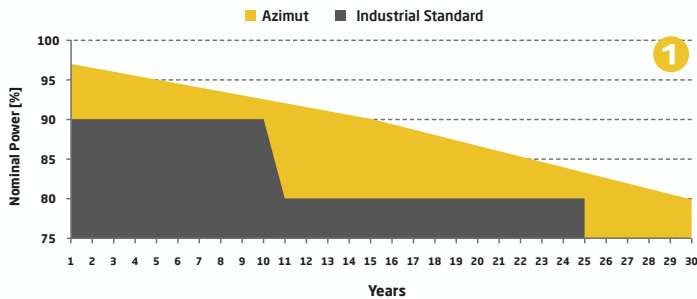
Member of the end-of-life panel recycling zero hassle to customers



Panel certifications IEC 61215 EN 61730



100% product traceability

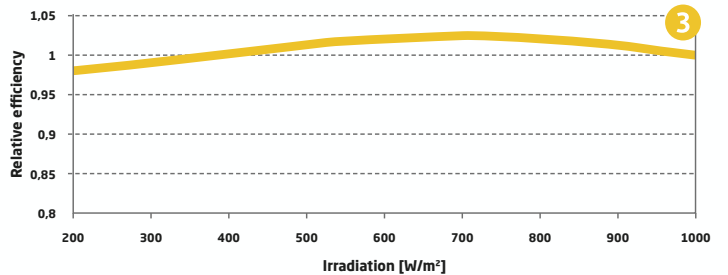
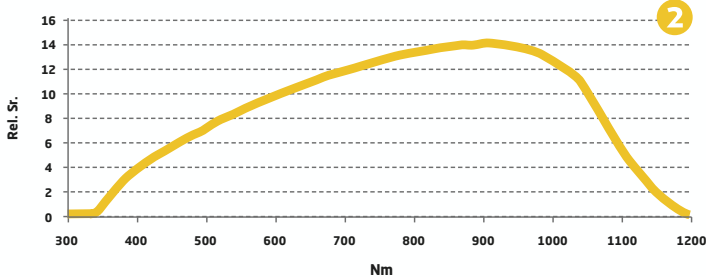


### 1 Warranty on rated output

30-year warranty period on output: 97% after 1 year, 90% after 15 years, 80% after 30 years

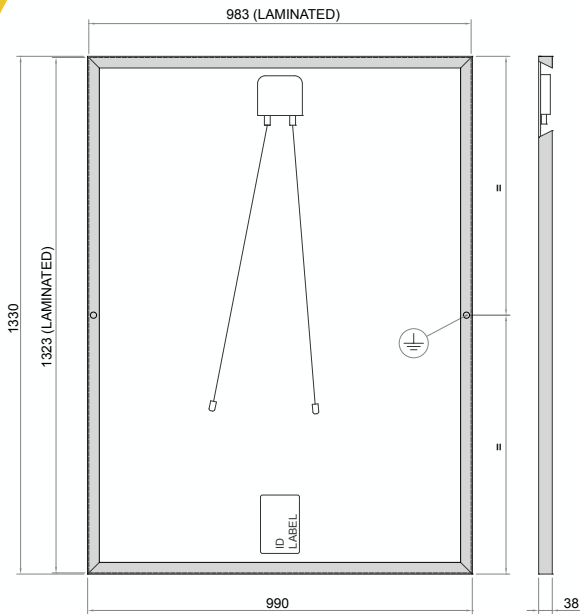
### 2 Typical spectral response

### 3 Performance at low irradiance



The graph shows the change in terms of module efficiency with a variation in irradiation spanning from 200 W/m<sup>2</sup> to 1000 W/m<sup>2</sup> (with 25 °C and AM 1.5 spectrum) is equal to -2% (relative).

# AZM486M



## Electrical characteristics under STC (1.5 AM, IRR 1000 w/m<sup>2</sup>; temperature 25±2 °C)

Model		205
Nominal power P <sub>nom</sub>	W	205
Classification in Power	%	0 / + 3
Voltage at Pmax V <sub>mp</sub>	V	24,91
Current at Pmax I <sub>mp</sub>	A	8,23
Open-circuit voltage V <sub>oc</sub>	V	29,55
Short-circuit voltage I <sub>sc</sub>	A	8,95
Module efficiency	%	15,57

## Electrical characteristics under NOCT conditions (IRR 800 w/m<sup>2</sup>; RT = 20°C; t. Cells = 44°C; wind speed = 1 m/s, 1.5 AM)

Nominal power P <sub>nom</sub>	W	150
Voltage at Pmax V <sub>mp</sub>	V	22,81
Current at Pmax I <sub>mp</sub>	A	6,58
Open-circuit voltage V <sub>oc</sub>	V	27,04
Short-circuit voltage I <sub>sc</sub>	A	7,11

Precision of measurement under STC: MPP ≤ 3%; Voc, Vmp, Isc, Imp ≤ 10%  
Precision of measurement under NOCT conditions: MPP ≤ 5%; Voc, Vmp, Isc, Imp ≤ 10%

<b>Glass</b>	Prismatic tempered glass with high U value. Thickness of framed panels 3.2 mm and thickness for laminated panels 4 mm
<b>Cells</b>	48 (6x8) monocrystalline, 156 x 156 mm
<b>Junction box</b>	IP65, 3 bypass diodes, 4 mm cables w/length 100 (+) / 100 (-) cm <sup>2</sup>
<b>Connectors</b>	IP68, PV4 single-contact connectors
<b>Dimensions</b>	1330 x 990 mm +/- 1 mm (L=1323 x 983 mm)
<b>Weight</b>	16 +/- 1 kg
<b>Version</b>	Black back sheet (N), transparent back sheet (T), laminated (L), black laminated (LN), transparent laminated (LT).

## Electrical characteristics under STC (1.5 AM, IRR 1000 w/m<sup>2</sup>; temperature 25±2 °C)

Model		225
Nominal power P <sub>nom</sub>	W	225
Classification in Power	%	- 0 / + 3
Voltage at Pmax V <sub>mp</sub>	V	27,57
Current at Pmax I <sub>mp</sub>	A	8,16
Open-circuit voltage V <sub>oc</sub>	V	32,80
Short-circuit voltage I <sub>sc</sub>	A	8,85
Module efficiency	%	15,25

## Electrical characteristics under NOCT conditions (IRR 800 w/m<sup>2</sup>; RT = 20°C; t. Cells = 43°C; wind speed = 1 m/s, 1.5 AM)

Nominal power P <sub>nom</sub>	W	165
Voltage at Pmax V <sub>mp</sub>	V	25,25
Current at Pmax I <sub>mp</sub>	A	6,52
Open-circuit voltage V <sub>oc</sub>	V	30,02
Short-circuit voltage I <sub>sc</sub>	A	7,03

Precision of measurement under STC: MPP ≤ 3%; Voc, Vmp, Isc, Imp ≤ 10%  
Precision of measurement under NOCT conditions: MPP ≤ 5%; Voc, Vmp, Isc, Imp ≤ 10%

<b>Glass</b>	Prismatic tempered glass with high U value. Thickness of framed panels 3.2 mm and thickness for laminated panels 4 mm
<b>Cells</b>	54 (6x9) monocrystalline, 156 x 156 mm
<b>Junction box</b>	IP65, 3 bypass diodes, 4 mm cables w/length 100 (+) / 100 (-) cm <sup>2</sup>
<b>Connectors</b>	IP68, single-contact connectors
<b>Dimensions</b>	1490 x 990 mm +/- 1 mm (L=1483 x 983mm)
<b>Weight</b>	18 +/- 1 kg
<b>Version</b>	Black back sheet (N), transparent back sheet (T), laminated (L), black laminated (LN), transparent laminated (LT).

# AZM546M

