



# AZIMUT POLYCRYSTALLINE



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



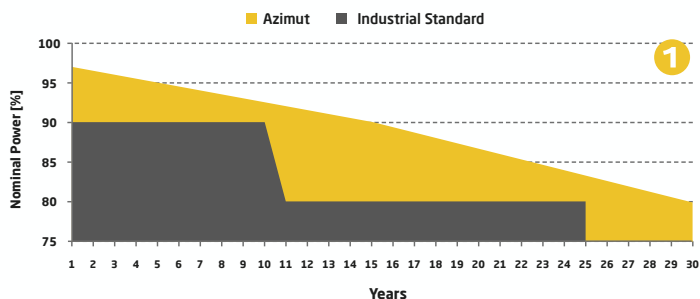
Member of the end-of-life panel recycling zero hassle to customers



Panel certifications IEC 61215 EN 61730



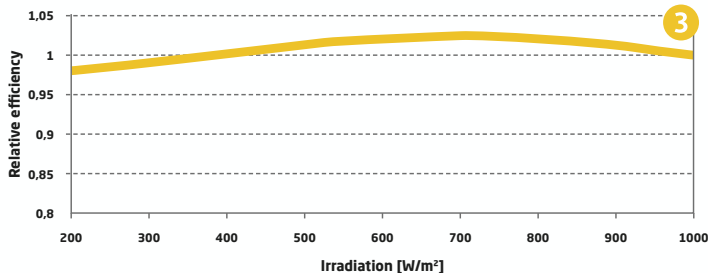
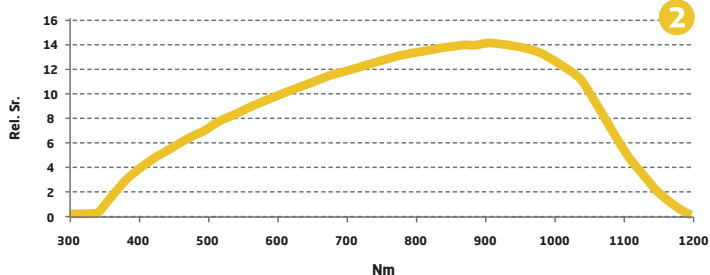
100% product traceability



### 1 Warranty on rated output

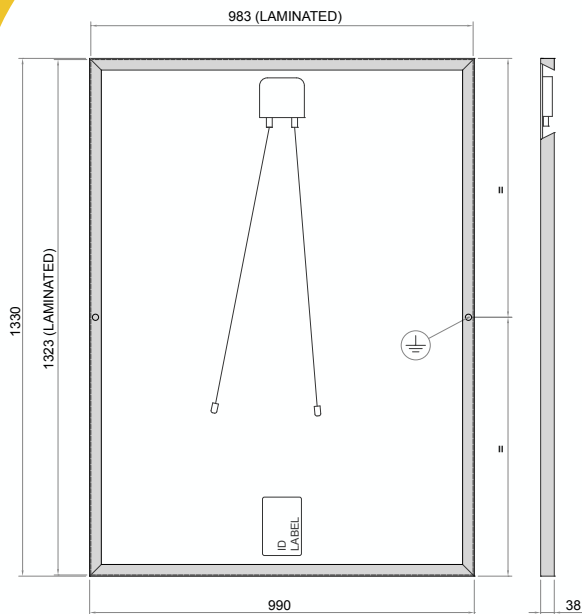
30-year warranty period on output: 97% after 1 year, 90% after 15 years, 80% after 30 years

### 2 Typical spectral response



The graph shows the change in terms of module efficiency with a variation in irradiation spanning from 200 W/m² to 1000 W/m² (with 25 °C and AM 1.5 spectrum) is equal to -2% (relative).

# AZM486P



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

<b>Model</b>		<b>200</b>
<b>Nominal power P<sub>nom</sub></b>	W	200
<b>Classification in Power</b>	%	- 0 / + 3
<b>Voltage at P<sub>max</sub> V<sub>mp</sub></b>	V	24,82
<b>Current at P<sub>max</sub> I<sub>mp</sub></b>	A	8,06
<b>Open-circuit voltage V<sub>oc</sub></b>	V	30,41
<b>Short-circuit voltage I<sub>sc</sub></b>	A	8,6
<b>Module efficiency</b>	%	15,19

## 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)

<b>Nominal power P<sub>nom</sub></b>	W	146
<b>Voltage at P<sub>max</sub> V<sub>mp</sub></b>	V	22,73
<b>Current at P<sub>max</sub> I<sub>mp</sub></b>	A	6,44
<b>Open-circuit voltage V<sub>oc</sub></b>	V	27,83
<b>Short-circuit voltage I<sub>sc</sub></b>	A	6,87

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) polycrystalline, 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 backsheet (N), (T), laminated (L), black laminated (LN), transparent laminated (LT).

## 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)

<b>Model</b>		<b>225</b>
<b>Nominal power P<sub>nom</sub></b>	W	225
<b>Classificazione in Potenza</b>	%	- 0 / + 3
<b>Voltage at P<sub>max</sub> V<sub>mp</sub></b>	V	28
<b>Current at P<sub>max</sub> I<sub>mp</sub></b>	A	8,04
<b>Open-circuit voltage V<sub>oc</sub></b>	V	34,21
<b>Short-circuit voltage I<sub>sc</sub></b>	A	8,6
<b>Module efficiency</b>	%	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)

<b>Nominal power P<sub>nom</sub></b>	W	165
<b>Voltage at P<sub>max</sub> V<sub>mp</sub></b>	V	25,64
<b>Current at P<sub>max</sub> I<sub>mp</sub></b>	A	6,42
<b>Open-circuit voltage V<sub>oc</sub></b>	V	31,30
<b>Short-circuit voltage I<sub>sc</sub></b>	A	6,87

Precision of measurement under STC: MPP ≤ 3%; Voc, Vmp, Isc, Imp ≤ 10%  
Precision of measurement under NOCT conditions: Pmp ≤ 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) polycrystalline, 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>	1490x 990 mm +/- 1 mm (L=1483 x 983 mm)
<b>Weight</b>	18 kg
<b>Version</b>	Black backsheet (N), (T), laminated (L), black laminated (LN), transparent laminated (LT).

# AZM546P

