



# AZUR P 240-3

Polycrystalline silicon high-power panel  
with a peak power rating of 240 W

- 0/+5 W output tolerance ensure a high productivity
- Minimized power drop of partially shaded areas by the use of bypass-diodes
- Flash report for each panel (upon request)



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Polycrystalline silicon high-power panel with a peak power rating of 240 W

## ELECTRICAL CHARACTERISTICS

Standard test conditions: irradiation 1,000 W/m<sup>2</sup>; module temperature 25 °C

Maximum power 0/+5 W	$P_{max}$	240 Wp	
Open circuit voltage	$V_{oc}$	37.2 V	
Maximum power voltage	$V_{mpp}$	30.8 V	
Maximum power current	$I_{mpp}$	7.8 A	
Short circuit current	$I_{sc}$	8.55 A	
Modul efficiency	$\eta$	14.6 %	
Maximum system voltage	$V_{DC}$	1,000 V	(600 V-UL)
Maximum reverse current	$I_{R}$	15 A	

## TEMPERATURE COEFFICIENTS

NOCT		45 ± 2 °C
Operating temperature		-40 °C to +85 °C
Temperature coefficient	$\alpha I_{sc}$	+0.0825 %/°C
	$\alpha V_{oc}$	-0.4049 %/°C
	$\alpha P_{max}$	-0.4336 %/°C

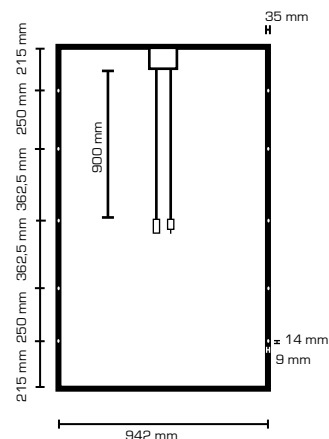
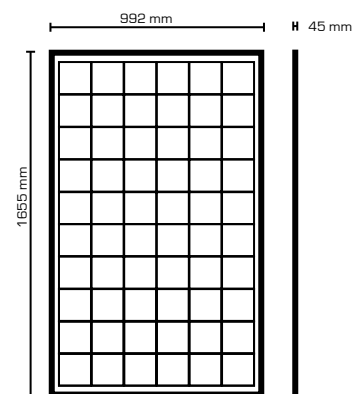
## MECHANICAL CHARACTERISTICS

Dimensions (L x W x H)	1655 x 992 x 45 mm
Weight	22.5 kg
Junction box	6 bypass-diodes
Cable/Connections	900 mm length, 4 mm <sup>2</sup> , MC-4 original compatible couplers
Glass type	toughened safety glass, high transmis, low iron, tempered glass 3.2 mm
Solar cells	polycrystalline photovoltaic cells 156 x 156 mm, 60 serial connection
Cell encapsulation sheet	EVA (ethylene vinyl acetate)
Frame	anodized aluminium profile with drainage holes
Mechanical load	≤ 5,400 Pa

## GUARANTEES & CERTIFICATES

Warranty period	10 years
Guaranteed power output	10 years: 90 % of nominal power rating
	25 years: 80 % of nominal power rating
Certificates	TÜV: IEC 61215, IEC 61730; MCS

## DIMENSIONS



Certificate Number BAPT 8528

Your specialist retailer

For further information:

[www.azur-solar.com](http://www.azur-solar.com)

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