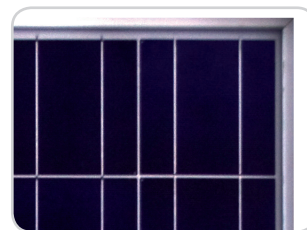
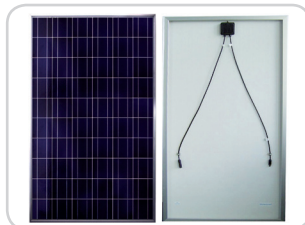




AZUR P 235-3

Polycrystalline silicon high-power panel
with a peak power rating of 235 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)



AZUR P 235-3

Polycrystalline silicon high-power panel with a peak power rating of 235 W

ELECTRICAL CHARACTERISTICS

		Standard test conditions: irradiation 1,000 W/m ² ; module temperature 25 °C	
Maximum power 0/+5 W	P _{max}	235 Wp	
Open circuit voltage	V _{oc}	37.0 V	
Maximum power voltage	V _{mpp}	30.5 V	
Maximum power current	I _{mpp}	7.71 A	
Short circuit current	I _{sc}	8.4 A	
Modul efficiency	η	14.3 %	
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	dI _{sc}	+0.0825 %/°C	
	dV _{oc}	-0.4049 %/°C	
	dP _{max}	-0.4336 %/°C	

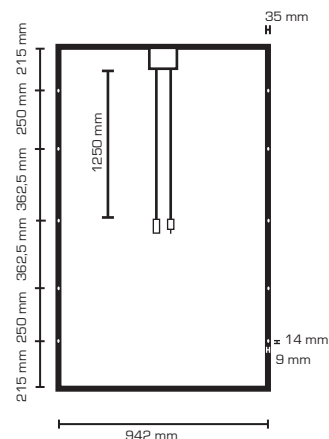
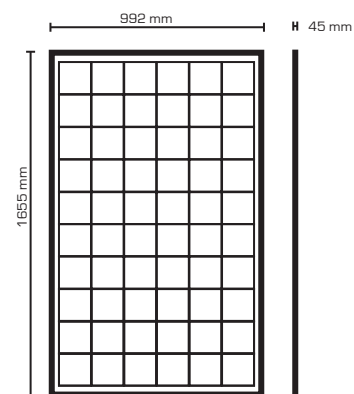
MECHANICAL CHARACTERISTICS

Dimensions (L x W x H)	1655 x 992 x 45 mm
Weight	22.5 kg
Junction box	3 bypass-diodes
Cable/Connections	1250 mm length, 4 mm ² , MC-4 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 & CERTIFICATE

Warranty period	5 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:

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