



**25**  
YEARS  
80% of NPR

**12**  
YEARS  
90% of NPR

**12**  
YEARS  
PRODUCT WARRANTY



**CUSTOMIZED**

Our rich experience & know-how can support your customized project for BIPV and special modules. Our Team will work close to you to realize your next outstanding design.



**HIGHEST ROI**

Hanover Solar modules are built with the best technology. The highest efficiency and all plus tolerance of our modules will improve your ROI.



**COMPATIBLE FIS**

Our modules are equipped with a special frame compatible with Fast Installation System. FIS will help to reduce installation time and cost.



✓ TÜV Certified Resistance to Salt Spray

✓ TÜV Certified Resistance to PID

✓ TÜV Certified Resistance to Ammonia



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Bundesministerium  
für Wirtschaft  
und Technologie



ISTITUTO  
GIORDANO

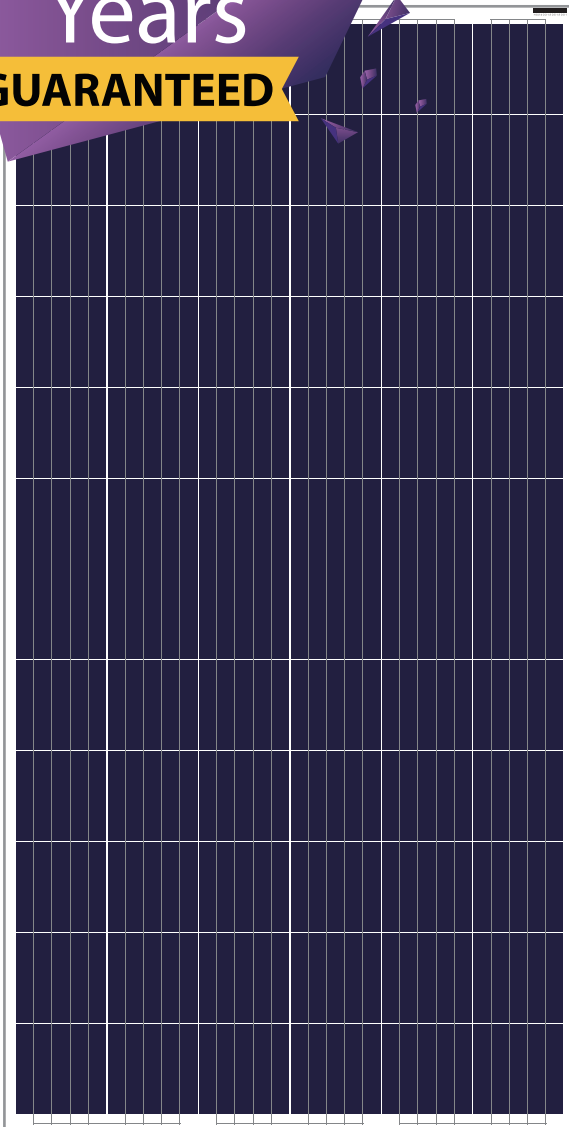




**POLY**  
**290-330**

**25**  
**Years**

**GUARANTEED**



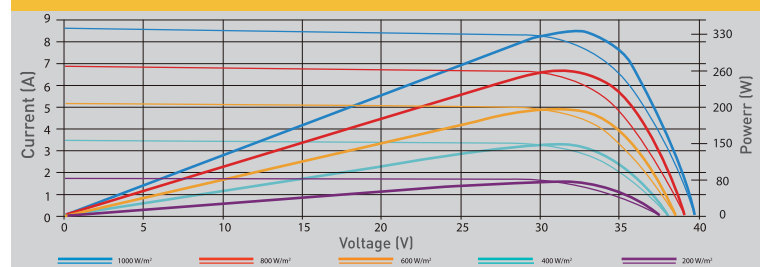
### ELECTRICAL DATA

Item No.	Pmax	Vmpp	Imp	Voc	Isc
HS330P-36	330W	34.82V	9.48A	41.98V	9.81A
HS320P-36	320W	34.01V	9.41A	41.55V	9.77A
HS310P-36	310W	33.13V	9.36A	40.73V	9.74A
HS300P-36	300W	32.54V	9.22A	40.11V	9.61A
HS290P-36	290W	31.98V	9.07A	39.58V	9.46A

### MECHANICAL CHARACTERISTICS

Solar Cell	polycrystalline (156 x 156 mm)
Cells Quantity	72 (6 x 12)
Dimensions	1956 x 992 x 40 mm
Glass	3.2 mm tempered glass
Frame	anodized aluminium alloy
Junction Box	TÜV Certified IP68
Series Fuse Rating	20A
Maximum System Voltage	1500V DC TÜV
Output Cables	1100 mm / 4.0 mm <sup>2</sup>
Test Standard Condition	AM=1.5 E=1000/m <sup>2</sup> TC=25°C
NOCT	45°C +/- 2°C
Temperature Coefficients:	Pmax -0.43%/°C; Voc -0.32%/°C; Isc 0.05%/°C

### I-V CURVE



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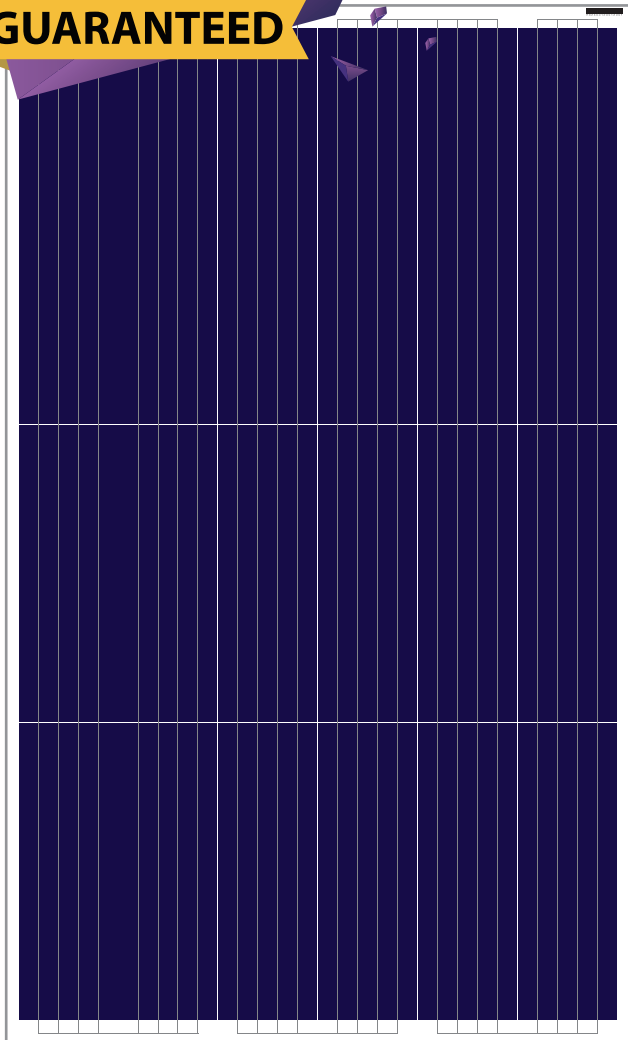




**POLY**

**25**  
Years

**GUARANTEED**



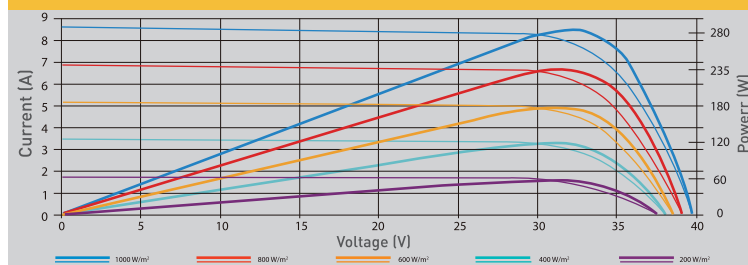
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Item No.	Pmax	Vmpp	Impp	Voc	Isc
HS280P-30	280W	32.50V	8.54A	38.80V	9.25A
HS275P-30	275W	32.30V	8.50A	38.50V	9.17A
HS270P-30	270W	32.10V	8.47A	38.20V	9.00A
HS265P-30	265W	31.40V	8.44A	38.00V	8.95A
HS260P-30	260W	31.00V	8.40A	37.80V	8.85A

### MECHANICAL CHARACTERISTICS

Solar Cell	polycrystalline (156 x 156 mm)
Cells Quantity	60 (6 x 10)
Dimensions	1650 x 992 x 40 / 35 mm
Glass	3.2 mm tempered glass
Frame	anodized aluminium alloy
Junction Box	TÜV Certified IP68
Series Fuse Rating	20A
Maximum System Voltage	1500V DCTÜV
Output Cables	1100 mm / 4.0 mm <sup>2</sup>
Test Standard Condition	AM=1.5 E=1000/m <sup>2</sup> TC=25°C
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**POLY  
BLACK**

**25  
Years**

**GUARANTEED**



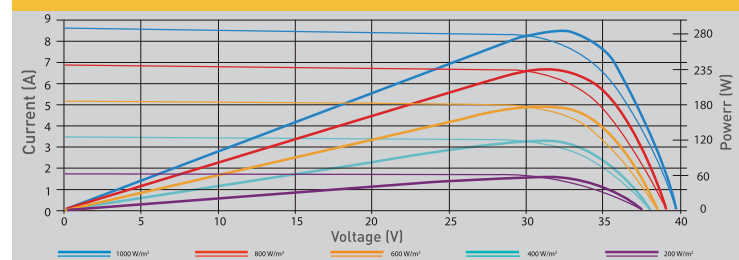
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