



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





**ULTRA
BLACK**

**25
Years**

GUARANTEED

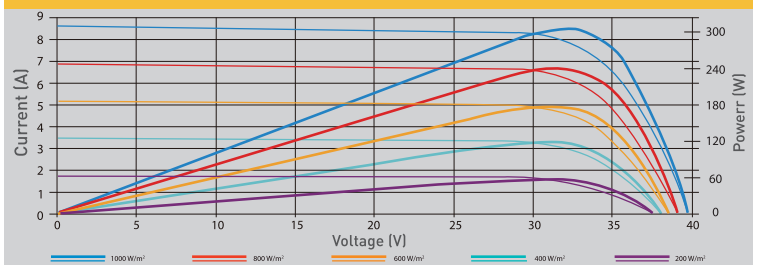
ELECTRICAL DATA

Module Type		HS300M-30D
Peak Power	P _{max}	300W
Rated Voltage	V _{mpp}	32.54V
Rated Current	I _{mpp}	9.22A
Open Circuit Voltage	V _{oc}	40.11V
Short Circuit Current	I _{sc}	9.61A
Series Fuse Rating		20A
Maximum System Voltage	TÜV	1500V DC
Test Standard Condition	AM=1.5 E=1000/m ² TC=25°C	
Temperature Coefficients:	P _{max} -0.43%/°C; V _{oc} -0.32%/°C; I _{sc} 0.05%/°C	
NOCT		45°C +/- 2°C

MECHANICAL CHARACTERISTICS

Solar Cell	monocrystalline (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	black anodized aluminium alloy
Junction Box	TÜV Certified IP68
Output Cables	1100 mm / 4.0 mm ²

I-V CURVE



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