



SCAN ME
TO WATCH
TEST VIDEO

TÜV Certified Resistance to PID

TÜV Certified Resistance to Ammonia

TÜV Certified Resistance to Salt Spray



Wind Test



Hail Test



Water Test



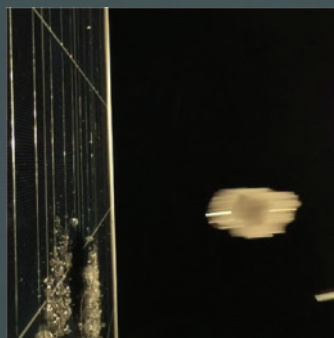
Fire Test



Wind Load Test
IEC61215 TUV Standard

Load 5400Pa Wind in front of Solar Module

To guarantee module can work well under strong wind weather.



Hail Hit Test
VDE Switzerland level

Ice ball which size is over 40mm large hits the front of solar panel with 98km/h speed.

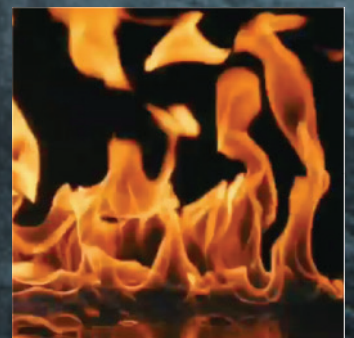
To guarantee module can survive after hail hits.



Waterproof Test
IEC61730 TUV Standard

Immerse the module fully in the simulation of nature heavy storm.

To guarantee module be water resistant in rainy season.



Fire Test
IEC61730 TUV Standard

Fire on the front of module at extreme high temperature for more than two minutes.

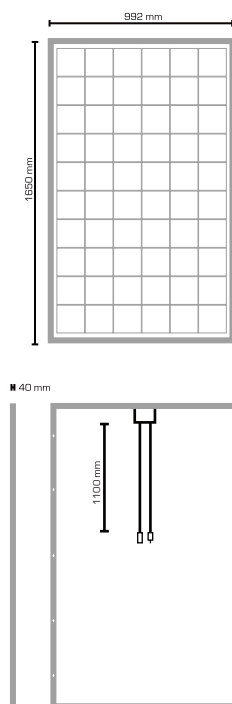
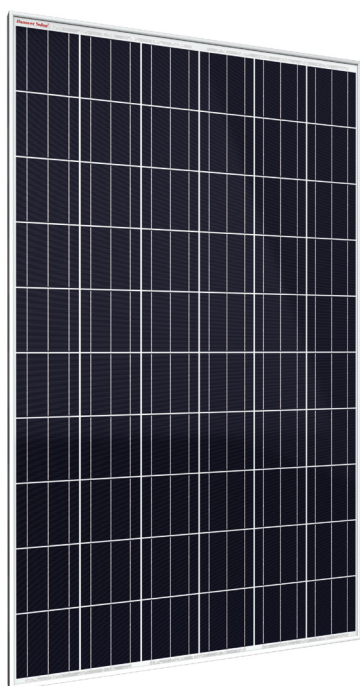
To make sure that material will not melt when the module in burning.



ELECTRICAL DATA

All technical data at standard test condition AM=1.5 E=1000/m² TC=25°C

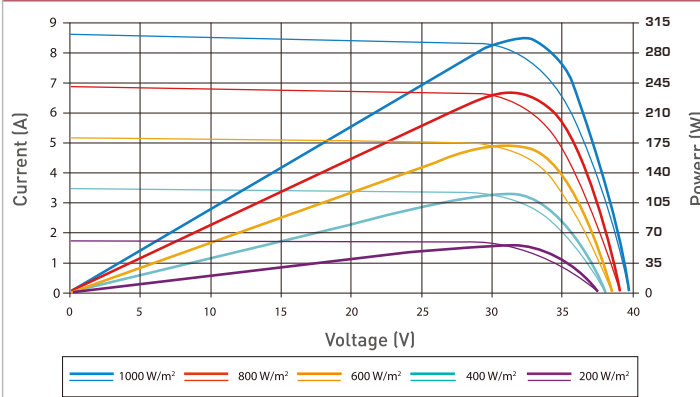
Module Type		HS250P-30	HS255P-30	HS260P-30	HS265P-30	HS270P-30	HS275P-30
Peak Power	Pmax	250W	255W	260W	265W	270W	275W
Rated Voltage	Vmpp	31.0V	31.5V	31.0V	31.4V	32.1V	32.3V
Rated Current	Imp	8.06A	8.10A	8.40A	8.44A	8.41A	8.50A
Open Circuit Voltage	Voc	37.8V	37.9V	37.8V	38.0V	38.5V	38.5V
Short Circuit Current	Isc	8.55A	8.60A	8.85A	8.95A	9.00A	9.17A
Series Fuse Rating		20A	20A	20A	20A	20A	20A
Maximum System Voltage	TÜV		1500V DC				
Temperature Coefficients	Power(P)		-0.43%/°C	Voltage(Voc)	-0.32%/°C	Current(Isc)	0.05%/°C
NOCT			45°C +/- 2°C				



MECHANICAL CHARACTERISTICS

Solar Cell	polycrystalline (156 x 156 mm)
Cells Quantity	60 (6 x 10)
Dimensions	1650 x 992 x 40 mm
Weight	19.5 kg
Glass	3.2 mm tempered glass
Frame	anodized aluminium alloy
Junction Box	TÜV Certified IP68
Output Cables	1100 mm / 4.0 mm ²

I-V CURVE



WARRANTY & CERTIFICATES

Warranty period	12 years
Guaranteed power output	12 years: 90% of nominal power rating 25 years: 80% of nominal power rating
Certificates	TÜV SÜD, TÜV NORD, IEC 61215, IEC 61730, CE, ISO, CEC:Fire Texted, UL, Energie Effizienz, CHUBB, GIORDANO

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