



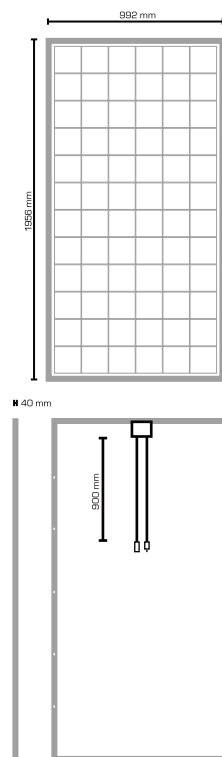
Bundesministerium
für Wirtschaft
und Technologie



ELECTRICAL DATA

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

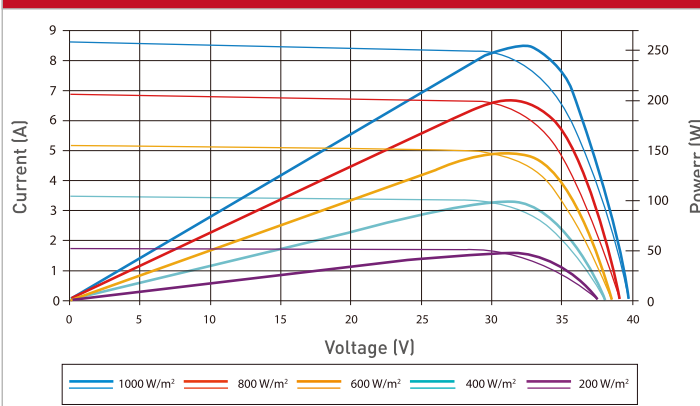
Module Type		HS300P-36	HS310P-36	HS315P-36	HS320P-36	HS330P-36	HS335P-36
Peak Power	Pmax	300W	310W	315W	320W	330W	335W
Rated Voltage	Vmpp	37.3V	37.4V	37.7V	38.1V	38.4V	38.7V
Rated Current	Imp	8.06A	8.29A	8.36A	8.41A	8.59A	8.65A
Open Circuit Voltage	Voc	45.4V	45.4V	45.6V	45.8V	46.2V	46.2V
Short Circuit Current	Isc	8.55A	8.89A	8.96A	9.05A	9.17A	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	72 (6 x 12)
Dimensions	1956 x 992 x 40 mm
Weight	22.5 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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