



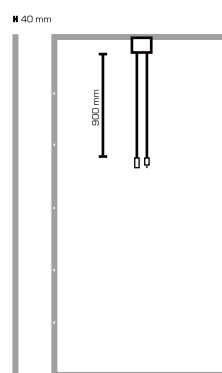
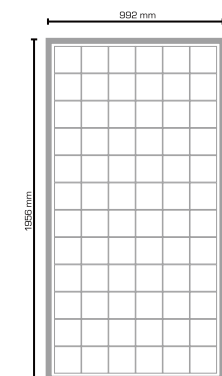
Bundesministerium  
für Wirtschaft  
und Technologie



## ELECTRICAL DATA

All technical data at standard test condition AM=1.5 E=1000/m<sup>2</sup> TC=25°C

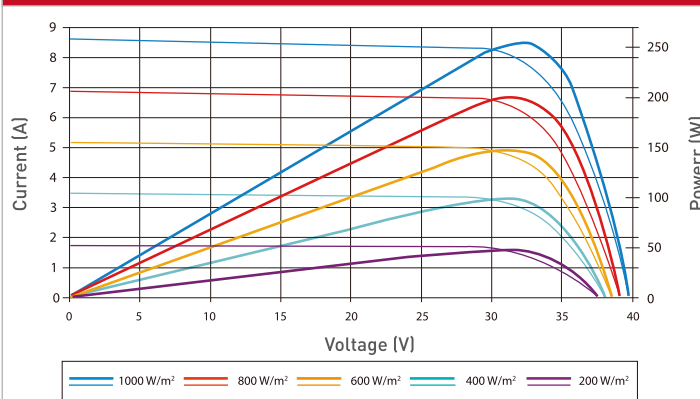
Module Type		HS320M-36D	HS325M-36D	HS330M-36D	HS335M-30D	HS340M-30D	HS345M-30D
Peak Power	P <sub>max</sub>	320W	325W	330W	335W	340W	345W
Rated Voltage	V <sub>mpp</sub>	37.2V	37.7V	37.4V	37.95V	38.08V	38.17V
Rated Current	I <sub>mpp</sub>	8.61A	8.72A	8.83A	8.87A	8.93A	9.04A
Open Circuit Voltage	V <sub>oc</sub>	46.4V	46.7V	46.9V	47.06V	47.22V	47.33V
Short Circuit Current	I <sub>sc</sub>	8.88A	8.95A	9.01A	9.22A	9.31A	9.4A
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	monocrystalline (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 <sup>2</sup>

## 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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