



Bundesministerium  
für Wirtschaft  
und Technologie



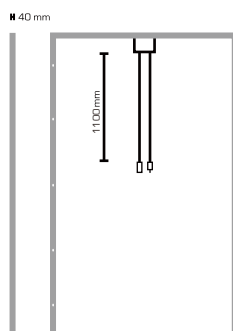
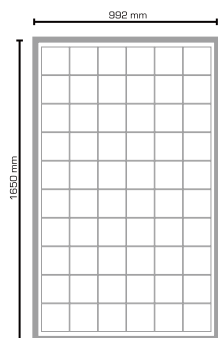
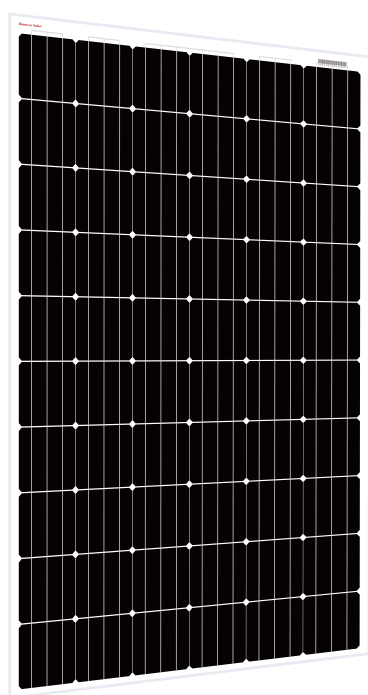
**GLASS  
GLASS**



## ELECTRICAL DATA

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

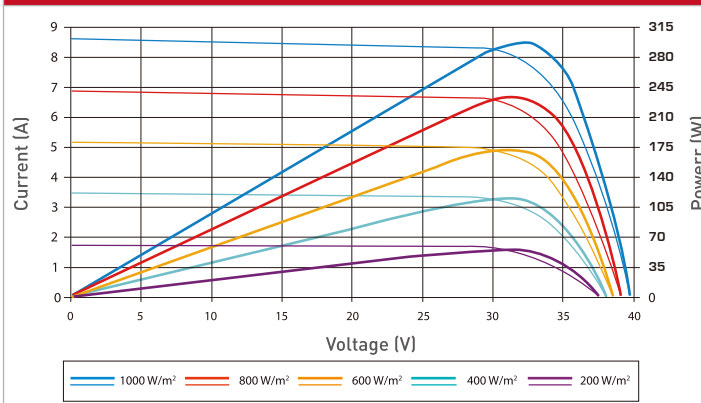
Module Type		HS260M-30D	HS270M-30D	HS280M-30D	HS290M-30D	HS300M-30D
Peak Power	Pmax	260W	270W	280W	290W	300W
Rated Voltage	Vmpp	31.25V	31.81V	32.30V	32.59V	32.85V
Rated Current	Imp	8.32A	8.49A	8.67A	8.90A	9.23A
Open Circuit Voltage	Voc	38.20V	38.42V	38.65V	38.99V	39.32V
Short Circuit Current	Isc	8.92A	9.08A	9.24A	9.40A	9.52A
Series Fuse Rating		20A	20A	20A	20A	20A
Maximum System Voltage	TÜV	1500V DC				
Temperature Coefficients	Power(P)	-0.41%/°C	Voltage(Voc)	-0.32%/°C	Current(Isc)	-0.05%/°C
NOCT		44°C +/- 2°C				



## MECHANICAL CHARACTERISTICS

Solar Cell	monocrystalline (156 x 156 mm)
Cells Quantity	60 (6 x 10)
Dimensions	1650 x 992 x 40 mm
Weight	23 kg
Glass	2.5 mm x 2 tempered glasses
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 30 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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