




SS-350-72M 72cells


330-350W


Management System

ISO 9001: Quality Management System
 ISO 14001: Environmental Management System Standard
 OHSAS 18001: International Occupational Health and Safety Assessment System Standard

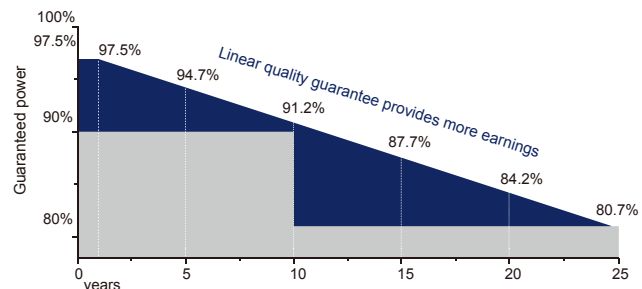
Safety

 Resistance to salt-spray corrosion (IEC61701, certified to TÜVRheinland test standard)

 Resistance to ammonia Corrosion (IEC62716, certified to TÜVRheinland test standard)

 Fire safety (Class C, certified to TÜVRheinland and Rheinland test standards)


Product Guarantee




12 years Product quality & process guarantee


25 years Linear power guarantee

Reliability

 Resistance to power attenuation passed TÜVRheinland system voltage endurance test

High performance

 Excellent power output of modules in low light environment

 100% double EL test enabling remarkable reduction of hidden crack rate of modules



Product Certification



Product Insurance

PICC

Specifications are subject to change without prior notice

SS-350-72M 72cells

Electric characteristics

Model of modules	SS-330-72M		SS-335-72M		SS-340-72M		SS-345-72M		SS-350-72M	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum power— P_{mp} (W)	330W	226W	335W	250W	340W	254W	345W	258W	350W	262W
Open-circuit voltage— V_{oc} (V)	46.7V	44.8V	46.9V	45.2V	47.1V	45.5V	47.3V	45.8V	47.5V	46.0V
Short-circuit current— I_{sc} (A)	9.11A	7.24A	9.18A	7.29A	9.24A	7.33A	9.31A	7.38A	9.38A	7.46A
Maximum power voltage— V_{mp} (V)	38.2V	36.4V	38.4V	36.6V	38.7V	36.8V	38.9V	37.0V	39.1V	37.2V
Maximum power current— I_{mp} (A)	8.64A	6.75A	8.72A	6.82A	8.79A	6.89A	8.87A	6.98A	8.94A	7.05A
Module efficiency— η_m (%)	17.01%		17.26%		17.52%		17.78%		18.04%	

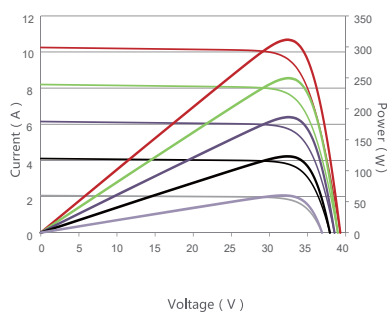
STC : Irradiance 1000 W/m², 25°C, AM1.5

NOCT: Irradiance 800 W/m², 20°C, wind velocity 1m/s

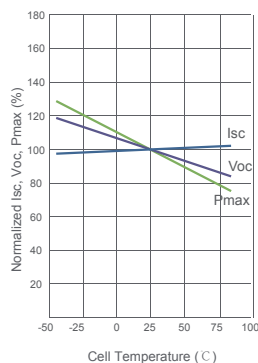
Power tolerance (W)	(0,+3)
Maximum system voltage (V)	1000V/1500V
Maximum rated fuse current (A)	20

Electrical Performance & Temperature Dependence

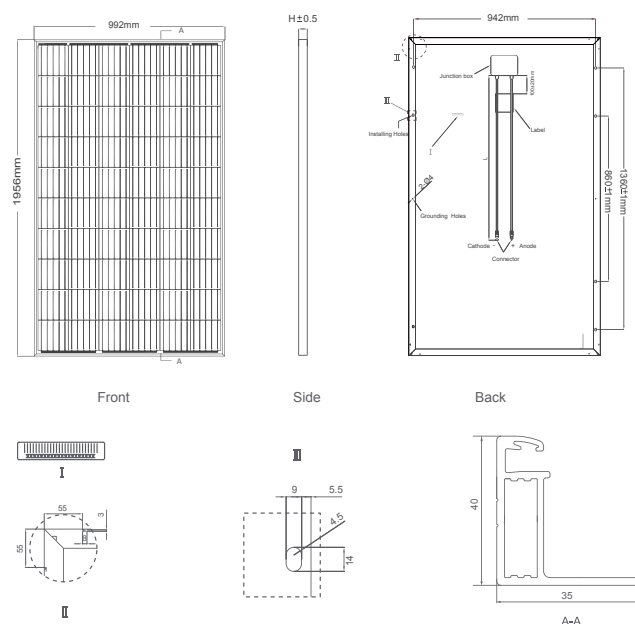
Current-Voltage & Power-Voltage Curves (340W)



Temperature Dependence of I_{sc} , V_{oc} , P_{max}



Engineering Drawings



Temperature characteristics

Temperature coefficient at maximum power	-0.38 %/°C
Temperature coefficient of Voc	-0.29 %/°C
Temperature coefficient of Isc	+0.048%/°C
Operating temperature	-40~+85°C
Rated operating temperature of cells	45±2°C

Packaging Configuration

Container	20GP	40HC
Quantity/pallet	27	27
Pallets/container	10	22
Quantity/container	270	660

Structural characteristics

Module dimensions	1956 x 992 x 40 mm
Weight	22.5kg
Cell	Mono-crystalline 156.75×156.75mm
Glass	3.2mm AR tempered
Frame	Anodized aluminum alloy
Junction box	IP67
Output wire	4.0 mm ² , wire length: 900 mm or Customized Length
Connector	MC4 compatible
Mechanical load	5400 Pa

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