

SS-340-72P 72cells

330-340W

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)

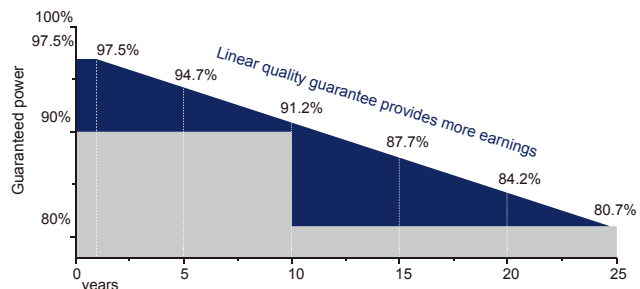


Resistance to ammonia Corrosion (IEC62716, certified to TÜVRheinland test standard)



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



Product Certification



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 Insurance



Specifications are subject to change without prior notice

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Electric characteristics

| Model of modules | SS-330-72P | | SS-335-72P | | SS-340-72P | |
|-------------------------------------|------------|-------|------------|-------|------------|-------|
| | STC | NOCT | STC | NOCT | STC | NOCT |
| Maximum power— P_{mp} (W) | 330W | 245W | 335W | 249W | 340W | 253W |
| Open-circuit voltage— V_{oc} (V) | 46.9V | 43.6V | 47.2V | 43.8V | 47.5V | 44.0V |
| Short-circuit current— I_{sc} (A) | 9.14A | 7.45A | 9.18A | 7.52A | 9.22A | 7.98A |
| Maximum power voltage— V_{mp} (V) | 37.8V | 35.3V | 38.0V | 35.6V | 38.2V | 35.9V |
| Maximum power current— I_{mp} (A) | 8.74A | 6.94A | 8.82A | 6.99A | 8.91A | 7.05A |
| Module efficiency— η_m (%) | 17.01% | | 17.26% | | 17.52% | |

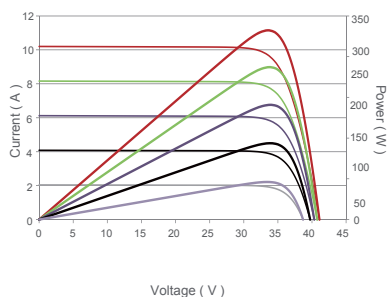
STC : Irradiance 1000 W/m², 25°C, AM1.5

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

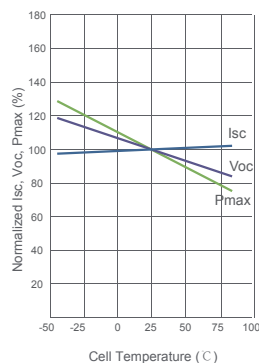
| | |
|--------------------------------|-------------|
| Power tolerance (W) | (0,+3) |
| Maximum system voltage (V) | 1000V/1500V |
| Maximum rated fuse current (A) | 20 |

Electrical Performance & Temperature Dependence

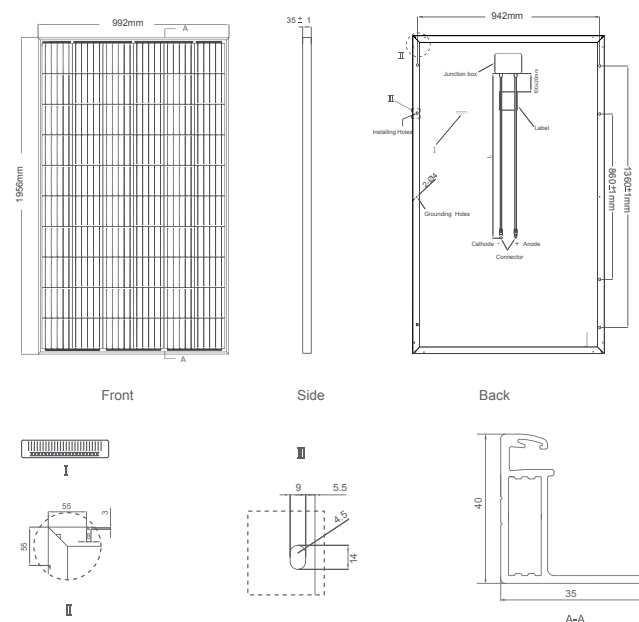
Current-Voltage & Power-Voltage Curves (325W)



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



Engineering Drawings



Temperature characteristics

| | |
|--|------------|
| Temperature coefficient at maximum power | -0.38 %/°C |
| Temperature coefficient of V_{oc} | -0.31 %/°C |
| Temperature coefficient of I_{sc} | +0.06 %/°C |
| current Operating temperature | -40~+85 °C |
| Rated operating temperature of cells | 45±2 °C |

Packaging Configuration

| | | |
|--------------------|------|------|
| Container | 20GP | 40HC |
| Quantity/pallet | 26 | 27 |
| Pallets/container | 10 | 24 |
| Quantity/container | 260 | 708 |

Structural characteristics

| | |
|-------------------|--|
| Module dimensions | 1956 x 992 x 40 mm |
| Weight | 22.5 kg |
| Cell | Polycrystal 156.75×156.75mm |
| Glass | 3.2mm AR tempered |
| Frame | Anodized aluminum alloy |
| Junction box | IP67 |
| Output wire | 4.0 mm ² , wire length: 1200mm or Customized Length |
| Connector | MC4 compatible |
| Mechanical load | 5400 Pa |

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