

Mono



SA360-72M

SA360-72M SA355-72M

SA350-72M SA345-72M

>20%

Cell efficiency

World class mono efficiency
 Positive tolerance offer
 PID-free

360W

Highest power output

Tighter distribution and current sorting
 reduces power loss in system operation

10 Year

workmanship warranty

Certified for salt & ammonia corrosion,
 blowing sand and hail resistance conditions

25 Year

Linear power output warranty

Good temperature coefficient enables higher
 output in high temperature regions

SinoSola, established in Jan 2006, is a hi-tech corporation with its core business in R&D, manufacturing, and sale of high efficiency silicon based solar modules and system.

As one of PV enterprises in the world, SinoSola has fully automatic production line and supply solar panel for to residential, commercial, utility and off -grid projects all around the world

Through strict selection of raw materials, stringent quality control and rigorous test in state of the art facilities . SinoSola has always committed to higher efficiency, more stable and better cost performance products



All information and data are subject to change without notice.

www.sinosola.cn

| Model | SA360-72M | SA355-72M | SA350-72M | SA345-72M |
|--|-----------|-----------|-----------|-----------|
| Max Power - P _{mpp} (W) | 360 | 355 | 350 | 345 |
| Positive power tolerance | ±3% | ±3% | ±3% | ±3% |
| Open Circuit Voltage - Voc (V) | 48.0 | 47.5 | 47.0 | 46.7 |
| Short Circuit Current - Isc (A) | 10.0 | 9.9 | 9.8 | 9.8 |
| Max Power Voltage-V _{mpp} (V) | 40 | 39.6 | 39.2 | 38.9 |
| Max Power Current - I _{mpp} (A) | 9.1 | 9.0 | 8.9 | 8.9 |
| Module Efficiency | 18.6 | 18.3 | 18.0 | 17.8 |

Electrical data relates to standard test conditions (STC) : irradiance 1000 W/m² ; AM 1.5 ; cell temperature 25°C measuring uncertainty of power is within ±3%. Certified in accordance with IEC61215, IEC61730-1/2

Electrical Characteristics at Normal Operating Cell Temperature (NOCT)

| Model | SA360-72M | SA355-72M | SA350-72M | SA345-72M |
|--|-----------|-----------|-----------|-----------|
| Max Power - P _{mpp} (W) | 262.8 | 259.2 | 255.5 | 251.9 |
| Max Power Voltage - V _{mpp} (V) | 36.8 | 36.4 | 36.1 | 35.8 |
| Max Power Current - I _{mpp} (A) | 7.1 | 7.1 | 7.1 | 7.0 |
| Open Circuit Voltage - Voc (V) | 44.9 | 44.4 | 44.0 | 43.7 |
| Short Circuit Current - Isc (A) | 7.6 | 7.6 | 7.6 | 7.5 |

Electrical data relates to normal operating cell temperature (NOCT): irradiance 800 W/m² ; wind speed 1 m/s ; cell temperature 45 °C; ambient temperature 20 °C measuring uncertainty of power is within ±3%

Temperature Characteristics

| | |
|---------------------------------|-----------|
| Voltage Temperature Coefficient | -0.307%/K |
| Current Temperature Coefficient | +0.039%/K |
| Power Temperature Coefficient | -0.423%/K |

Maximum Ratings

| | |
|-------------------------|------|
| Maximum system voltage | 1000 |
| Series fuse rating (A) | 15 |
| Reverse current overloa | 25 |

Mechanical Characteristics

Mechanical Characteristics

| | |
|--------------------|---|
| Dimensions | 1956*992*40mm |
| Weight | 20kg |
| Frame | Anodized aluminum profile |
| Front glass | White toughened safety glass, 3.2 mm |
| Cell Encapsulation | EVA (Ethylene-Vinyl-Acetate) |
| Back Sheet | Composite film |
| Cells | 6 × 12 pieces mono solar cells series strings (156 mm × 156 mm) |
| Junction Box | Rated current ≥ 12A, IP ≥ 65, TUV |
| Cable | Length 900 mm, 1 × 4 mm ² |
| Connector | MC 4/ compatible with MC 4 |

Packaging

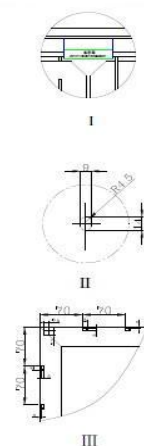
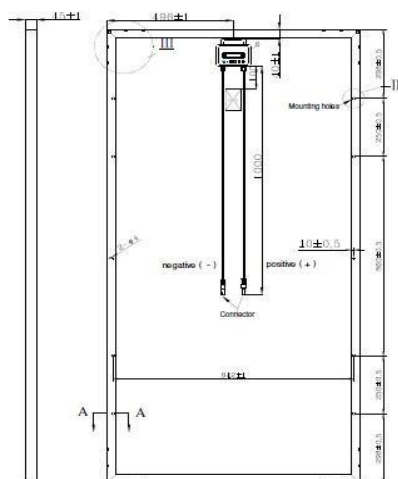
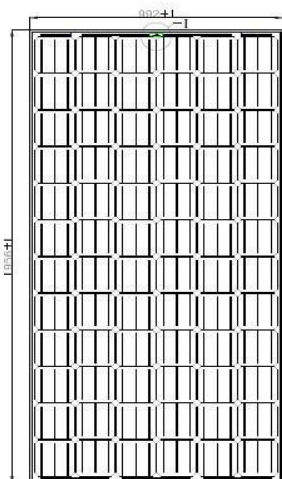
| | |
|-----------------|--------|
| Container 20' | 296pcs |
| Container 40' | 572pcs |
| Container 40'HC | 638pcs |

System Design

| | |
|-------------------|---|
| Temp. range | -40°C to + 85°C |
| Hail | max. diameter of 25mm with 23m/s impact speed |
| Max. capacity | Snow 5400 Pa, wind 2400 Pa |
| Application class | A |
| Safety class | II |

Dimensions

Note: Module layout below only valid for modules with 40mm thickness. All dimensions in mm.



IV-Curves

