

Poly



SA250-60P

SA260-60P SA255-60P

SA250-60P SA245-60P

>17.6%

Cell efficiency

World class poly efficiency
 Positive tolerance offer

250W

Highest power output

PID-free
 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

Electrical characteristics at Standard Test Conditions (STC)

Model	SA260-60P	SA255-60P	SA250-60P	SA245-60P
Max Power - P _{mpp} (W)	260	255	250	245
Positive power tolerance	±3%	±3%	±3%	±3%
Open Circuit Voltage - Voc (V)	38.2	37.8	37.4	37.2
Short Circuit Current - Isc (A)	9.0	8.9	8.8	8.7
Max Power Voltage-V _{mpp} (V)	31.8	31.5	31.2	31
Max Power Current - I _{mpp} (A)	8.2	8.1	8	7.9
Module Efficiency	15.6	15.3	15.0	14.7

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	SA260-60P	SA255-60P	SA250-60P	SA245-60P
Max Power - P _{mpp} (W)	190	187	183	179
Max Power Voltage - V _{mpp} (V)	29.3	29.0	28.8	28.6
Max Power Current - I _{mpp} (A)	6.5	6.4	6.4	6.3
Open Circuit Voltage - Voc (V)	35.7	35.4	35.1	34.9
Short Circuit Current - Isc (A)	6.9	6.9	6.8	6.7

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	1640*992*35mm
Weight	18kg
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 × 10 pieces poly 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

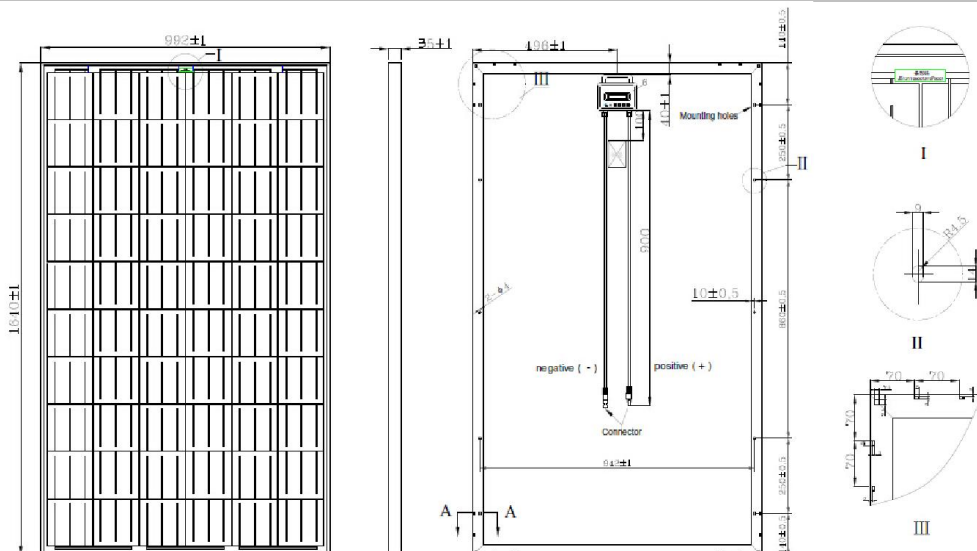
Container 20'	360pcs	Temp. range	-40°C to + 85°C
Container 40'	840pcs	Hail	max. diameter of 25mm with 23m/s impact speed
Container 40'HC	896pcs	Max. capacity	Snow 5400 Pa, wind 2400 Pa

System Design

Application class	A
Safety class	II

Dimensions

Note: Module layout below only valid for modules with 35mm thickness. All dimensions in mm.



IV-Curves

