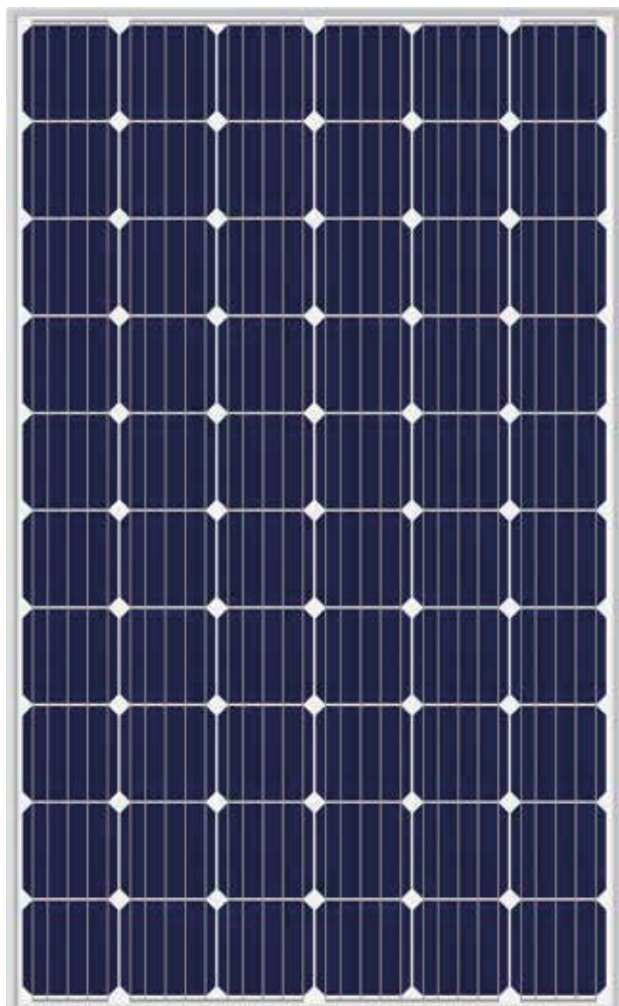


SS-310-60M 60 cells



300-310_W



Management System

ISO 9001: Quality Management System

ISO 14001: Environmental Management System Standard

OHSAS 18001: International Occupational Health and Safety Assessment System Standard

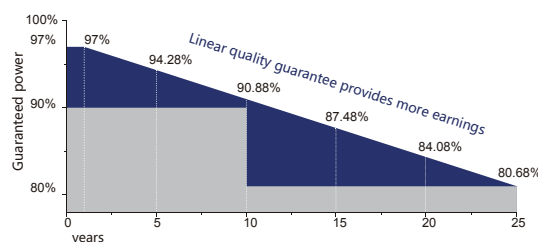
Product Certification



Product Insurance



Product Guarantee



10 years

Product quality & process guarantee

25 years

Linear power guarantee

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)

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

Specifications are subject to change without prior notice

SS-310-60M

60 cells

Electric characteristics(STC)

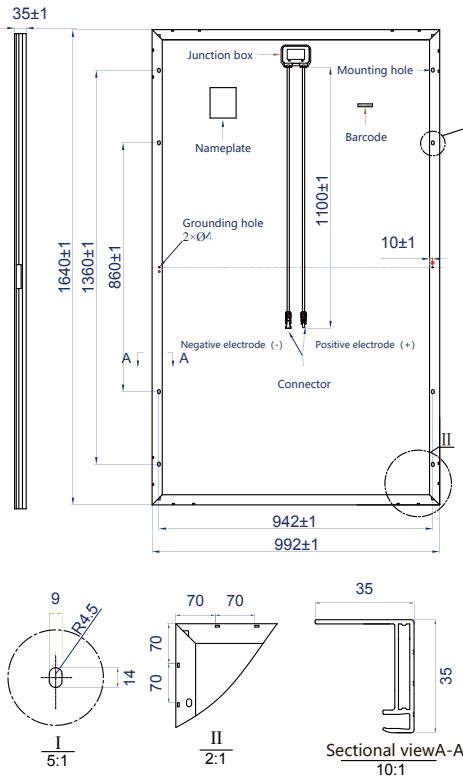
Model of modules	SS-300-60M	SS-305-60M	SS-310-60M
Maximum power - P_{mp} (W)	300	305	310
Open-circuit voltage - V_{oc} (V)	39.7	39.9	40.2
Short-circuit current - I_{sc} (A)	9.65	9.76	9.82
Maximum power voltage - V_{mp} (V)	32.1	32.3	32.6
Maximum power current - I_{mp} (A)	9.35	9.45	9.51
Module efficiency - η_m (%)	18.44	18.74	19.05

STC: Irradiance 1000 W/m², 25°C, 1.5

Power tolerance (W)	(0,+5)
Maximum system voltage (V)	1000V/1500V
Maximum rated fuse current (A)	20

Temperature characteristics

Temperature coefficient at maximum power	-0.38 %/°C
Temperature coefficient at open-circuit voltage	-0.28 %/°C
Temperature coefficient at short-circuit current	+0.05 %/°C
Operating temperature	-40~+85 °C
Rated operating temperature of cells	45±2 °C



* Unit: mm

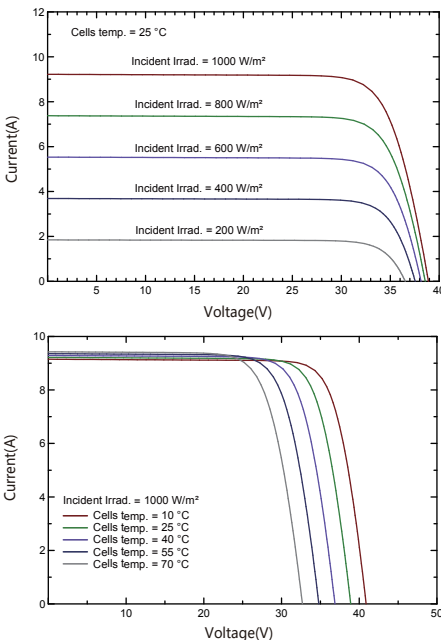
Packaging Configuration

Container	20GP	40GP	40HC
Quantity/pallet	30	30	30
Pallets/container	14	28	28
Quantity/container	400	840	924

Structural characteristics

Module dimensions	1640x 992 x 35mm
Weight	17.5kg
Cell	Monocrystal 156.75×156.75 mm (60 cells)
Glass	3.2mm AR tempered glass, low iron
Frame	Anodized aluminum alloy
Junction box	IP67
Output wire	4.0 mm², wire length: 1100 mm
Connector	MC4 compatible
Mechanical load	5400 Pa

I - V curves(SS-310-60M)



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