

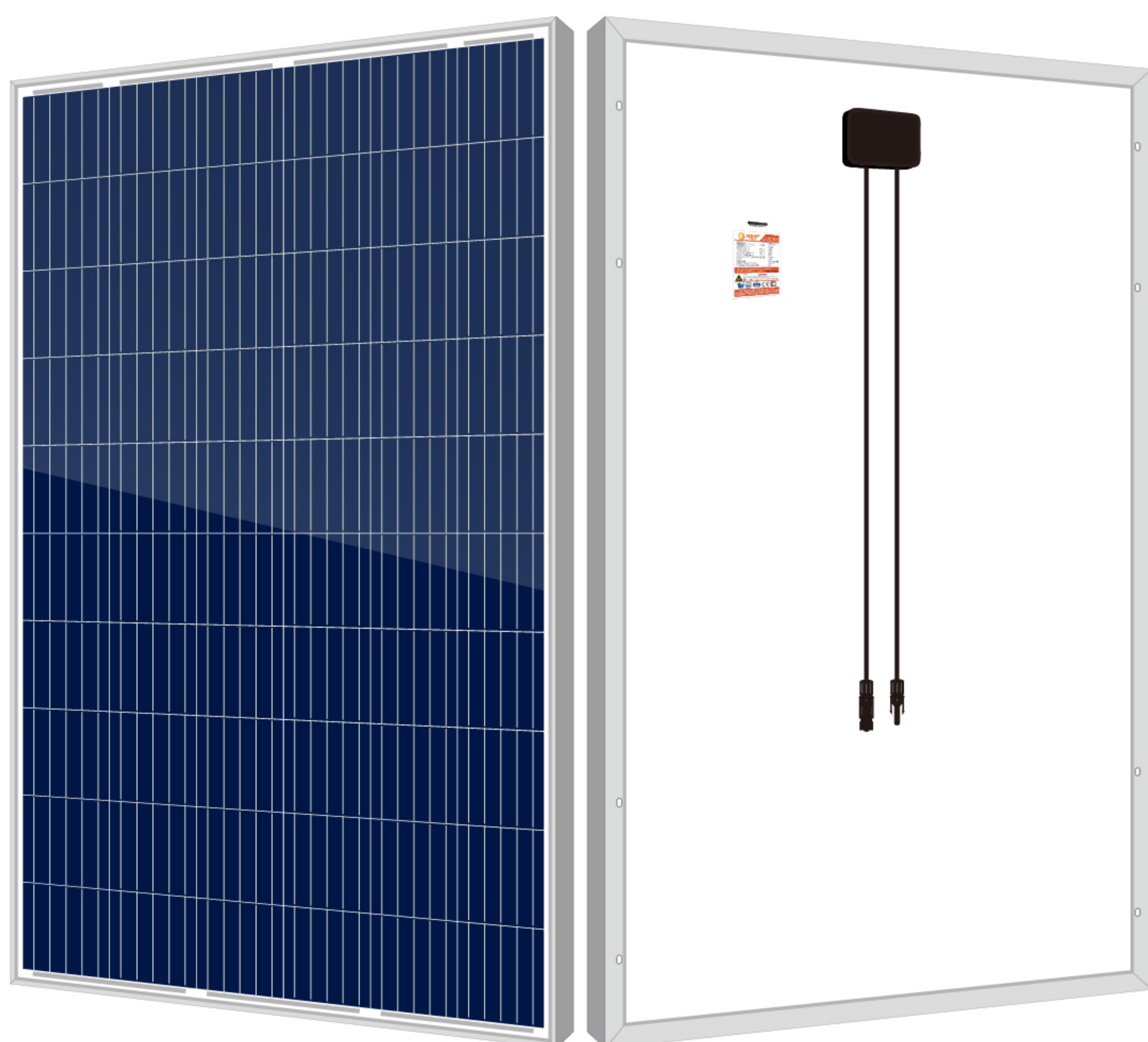
SKT250~285P6-20 Standard 60Cells Polycrystalline PV Module



250~285 Watt



*BLACK FRAME/BLACK BACK-SHEET PRODUCTS ARE AVAILABLE UPON REQUEST



MANAGEMENT SYSTEM



ISO 9001: Quality management system



ISO 14001: Standard for environmental management system

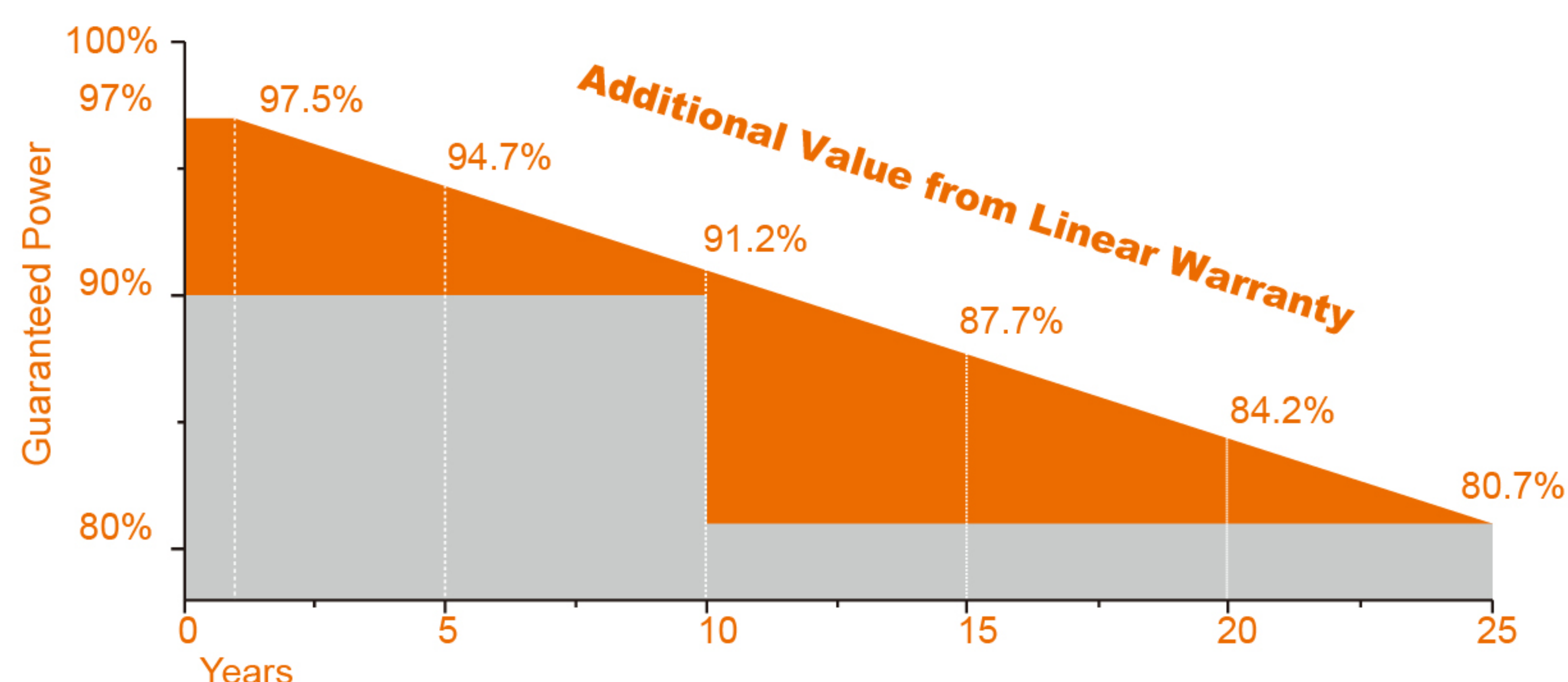


OHSAS 18001: International standard for occupational health and safety assessment system

PRODUCT CERTIFICATES



WARRANTY



12 Years
Material & Craft
Quality
assurance

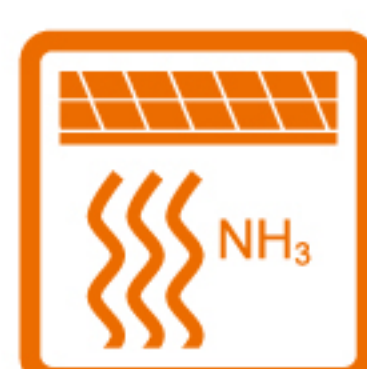
12 Years
90% Output
Power
guarantee

25 Years
80% Output
Power
guarantee

Safety



Safety for salt mist corrosion
(IEC61701, tested in TUV)



Safety for ammonia corrosion
(IEC62716, tested in TUV)



Safety for fire risk
(Class A, tested in TUV)

Key



High stability of the aluminium
frame



High quality junction box and
connector systems



100% inspection, to guarantee
the reliability of solar systems

Technology



Using high efficiency poly
solar cells



Excellent performance in
low-light environments



High transmissivity, low-iron
tempered glass.

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Electrical Characteristics (STC)

Module Type	SKT250P6-20	SKT255P6-20	SKT260P6-20	SKT265P6-20
Maximum Power- Pmax(W)	250	255	260	265
Open Circuit Voltage - Voc(V)	37.5	37.7	37.8	38.0
Short- Circuit Current - Isc(A)	8.73	8.78	8.85	8.96
Voltage at Pmax -Vmp(V)	30.1	30.5	30.8	31.0
Current at Pmax - Imp(A)	8.32	8.38	8.44	8.55
Module Efficiency -ηm (%)	15.4	15.7	16.0	16.2

Module Type	SKT270P6-20	SKT275P6-20	SKT280P6-20	SKT285P6-20
Maximum Power- Pmax(W)	270	275	280	285
Open Circuit Voltage - Voc(V)	38.2	38.3	38.5	38.9
Short- Circuit Current - Isc(A)	9.09	9.17	9.23	9.28
Voltage at Pmax -Vmp(V)	31.1	31.5	31.8	32.2
Current at Pmax - Imp(A)	8.68	8.73	8.81	8.86
Module Efficiency -ηm (%)	16.5	16.9	17.2	17.5

STC: Irradiance 1000W/m², Cell Temperature 25℃, Air Mass 1.5

Power Tolerance(W)	(0,+4.99)
Maximum System Voltage(V)	1000/1500
Maximum Series Fuse Rating (A)	20

Temperature Characteristics

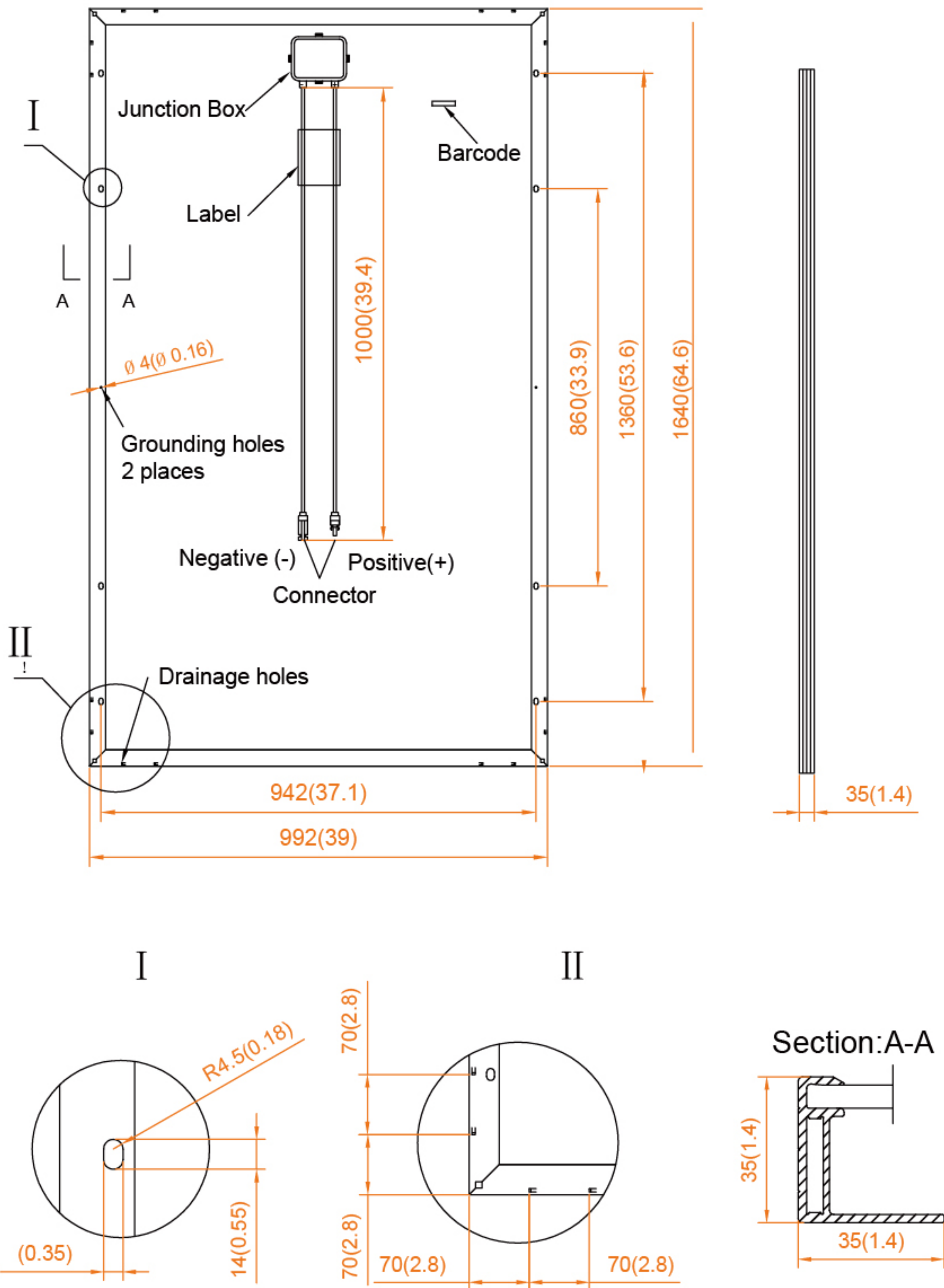
Pmax Temperature Coefficient	-0.40%/℃
Voc Temperature Coefficient	-0.32%/℃
Isc Temperature Coefficient	+0.05%/℃
Operating Temperature	-40~+85℃
Nominal Operating Cell Temperature(NOCT)	45±2℃

Mechanical Specifications

External Dimensions	1640×992×35 mm
Weight	20 kg
Solar Cells	Poly crystalline 156×156mm (60pcs)
Front Glass	3.2 mm tempered glass, low iron
Frame	Anodized aluminum alloy
Junction Box	IP67
Output Cables	4.0 mm²,cable length:1000 mm
Connector	MC4 Compatible
Mechanical Load	5400 Pa

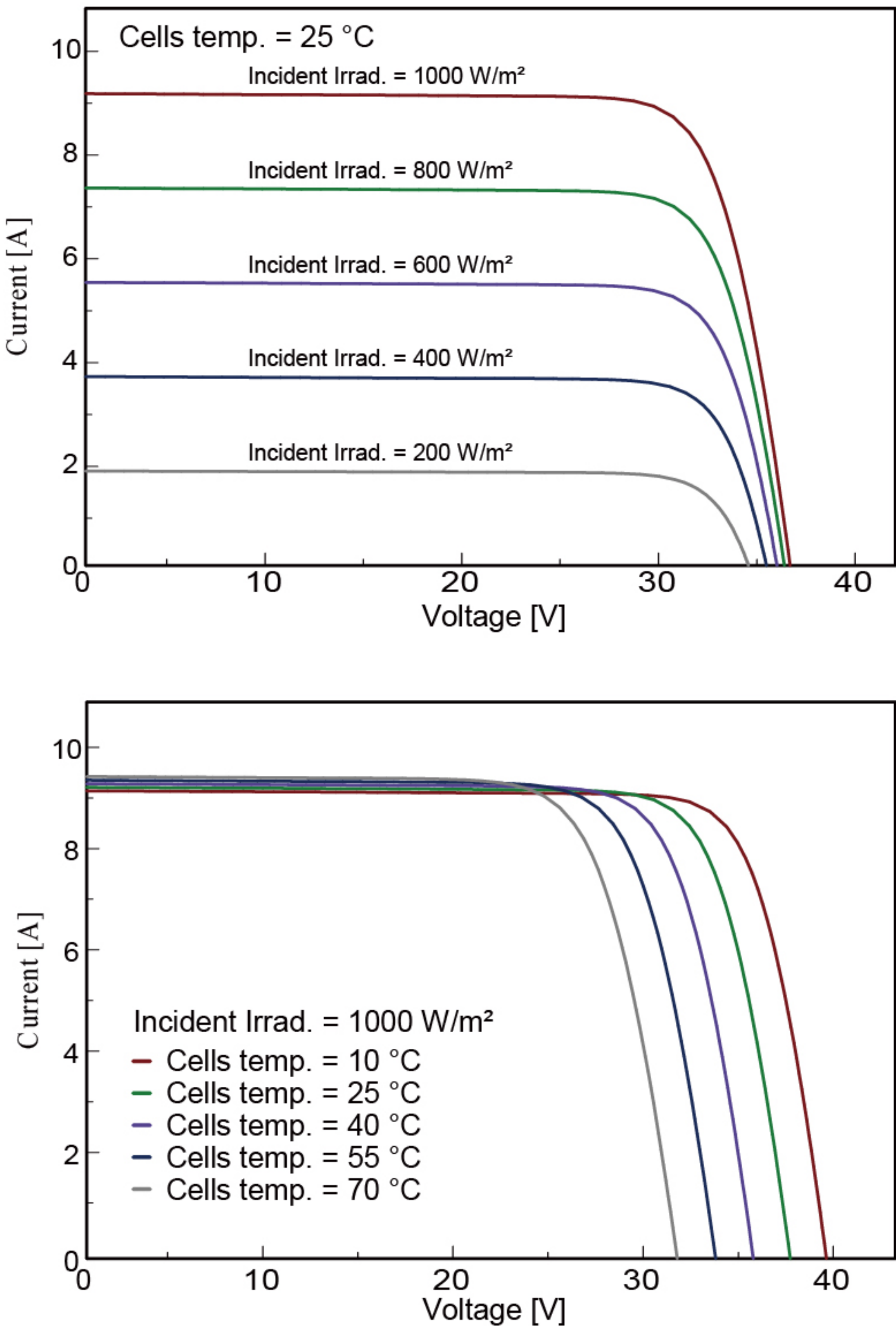
Packing Configuration

	1640×992×35mm	
Container	20'GP	40'GP
Pieces per Pallet	30	30
Pallets per Container	12	28
Pieces per Container	360	840



All Dimensions in mm(inch)
The above drawing is a graphical representation of the product.
For engineering quality drawings please contact SUNKET.

I-V Curve (SKT265P6-20)



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