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Solar Panel Guide Specification Data Sheet

Wuxi Sunket New Energy Technology Co., Ltd.

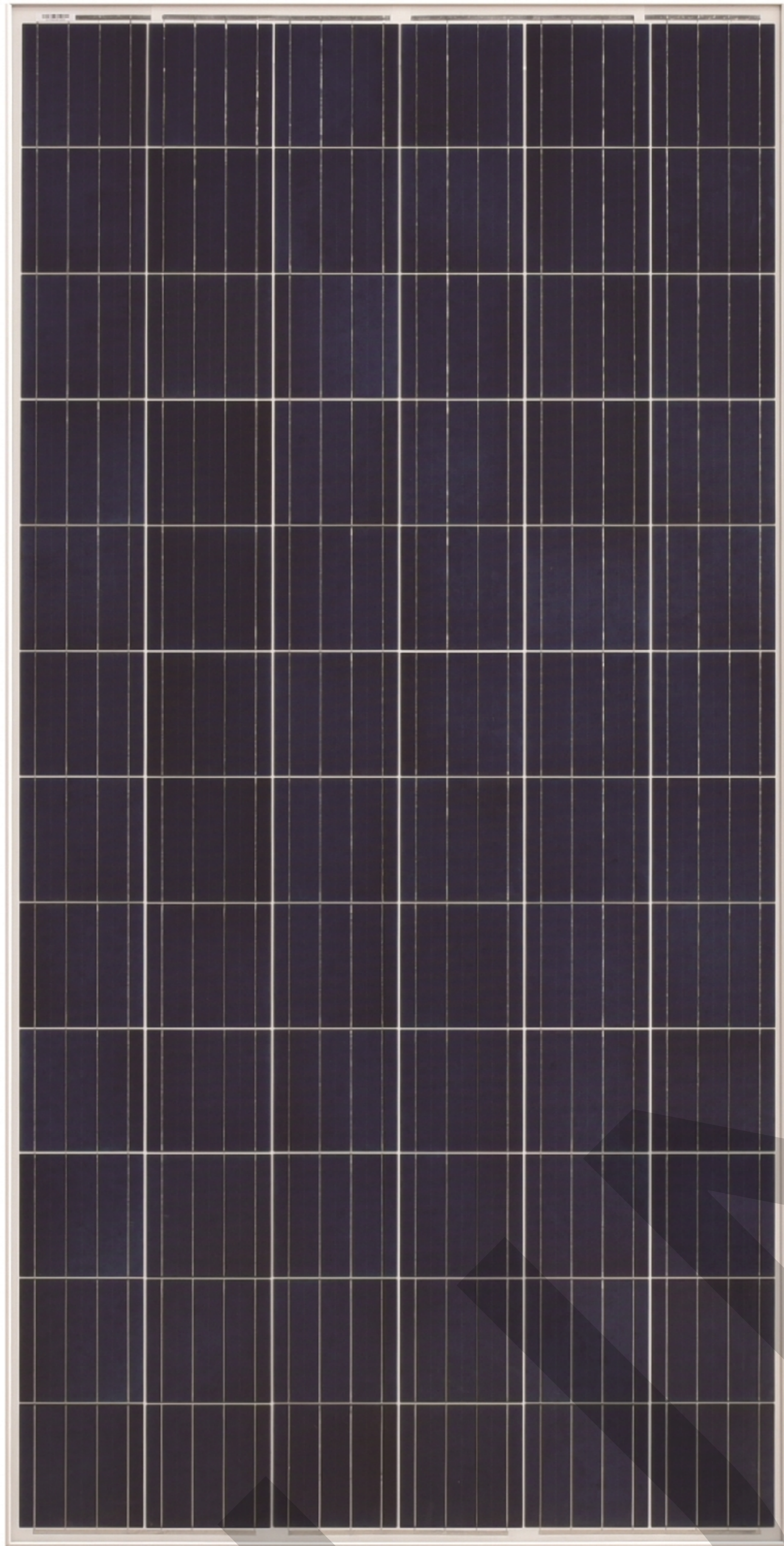
SKT 305-340P-24

SKT305P-24

Also available on the web at

EnergyPal.com/wuxi-sunket-new-energy-technology-co-ltd-solar-panels/skt305p-24

305~340 Watt



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

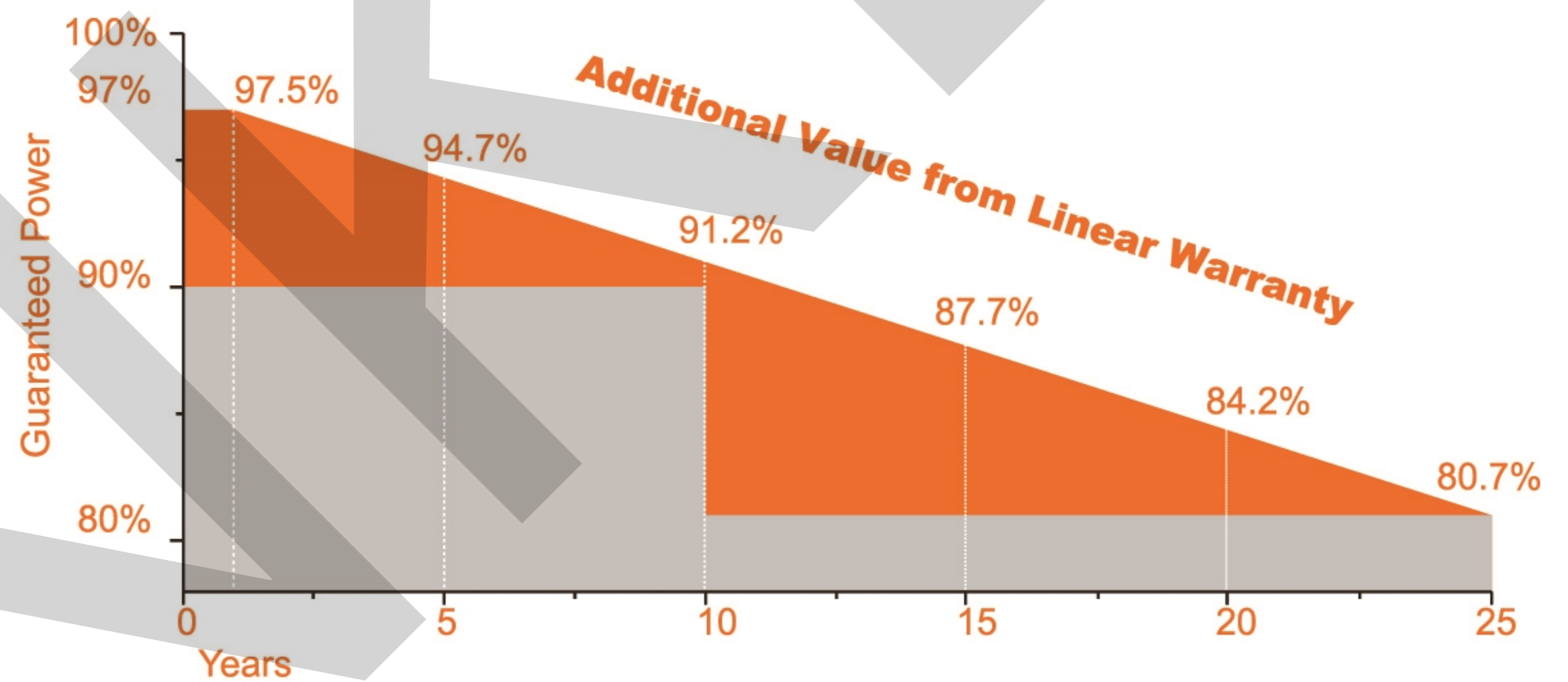
MANAGEMENT SYSTEM

- 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



10 Years
 Material & Craft
 Quality
 assurance

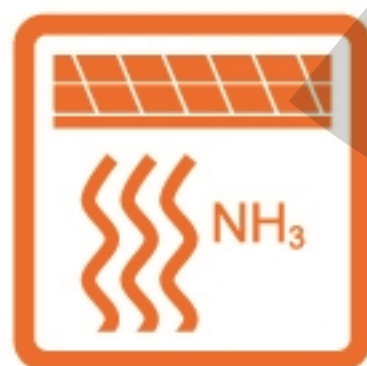
10 Years
 90% Output
 Power
 guarantee

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.

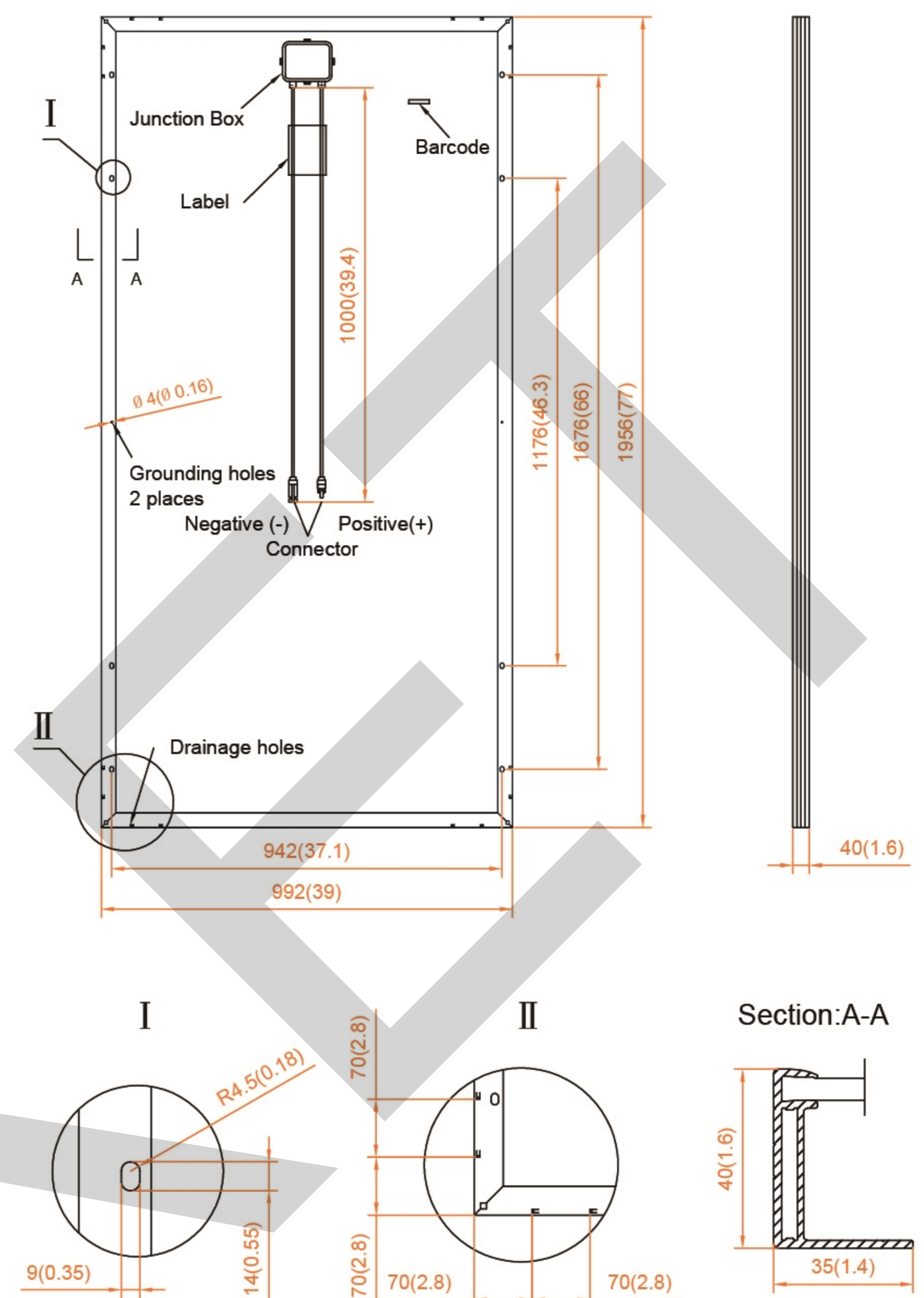
Electrical Characteristics (STC)

Module Type	SKT305P-24	SKT310P-24	SKT315P-24	SKT320P-24
Maximum Power- Pmax(W)	305	310	315	320
Open Circuit Voltage - Voc(V)	44.9	45.2	45.4	45.6
Short- Circuit Current - Isc(A)	8.90	9.02	9.15	9.22
Voltage at Pmax -Vmp(V)	37.0	37.1	37.2	37.5
Current at Pmax - Imp(A)	8.24	8.36	8.47	8.53
Module Efficiency -ηm (%)	15.72	15.98	16.23	16.49

Module Type	SKT325P-24	SKT330P-24	SKT335P-24	SKT340P-24
Maximum Power- Pmax(W)	325	330	335	340
Open Circuit Voltage - Voc(V)	46.1	46.3	46.5	46.6
Short- Circuit Current - Isc(A)	9.34	9.45	9.55	9.64
Voltage at Pmax -Vmp(V)	37.6	37.7	37.9	38.1
Current at Pmax - Imp(A)	8.64	8.75	8.84	8.92
Module Efficiency -ηm (%)	16.75	17.01	17.26	17.52

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

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



All Dimensions in mm(inch)

The above drawing is a graphical representation of the product. For engineering quality drawings please contact SUNKET.

Temperature Characteristics

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

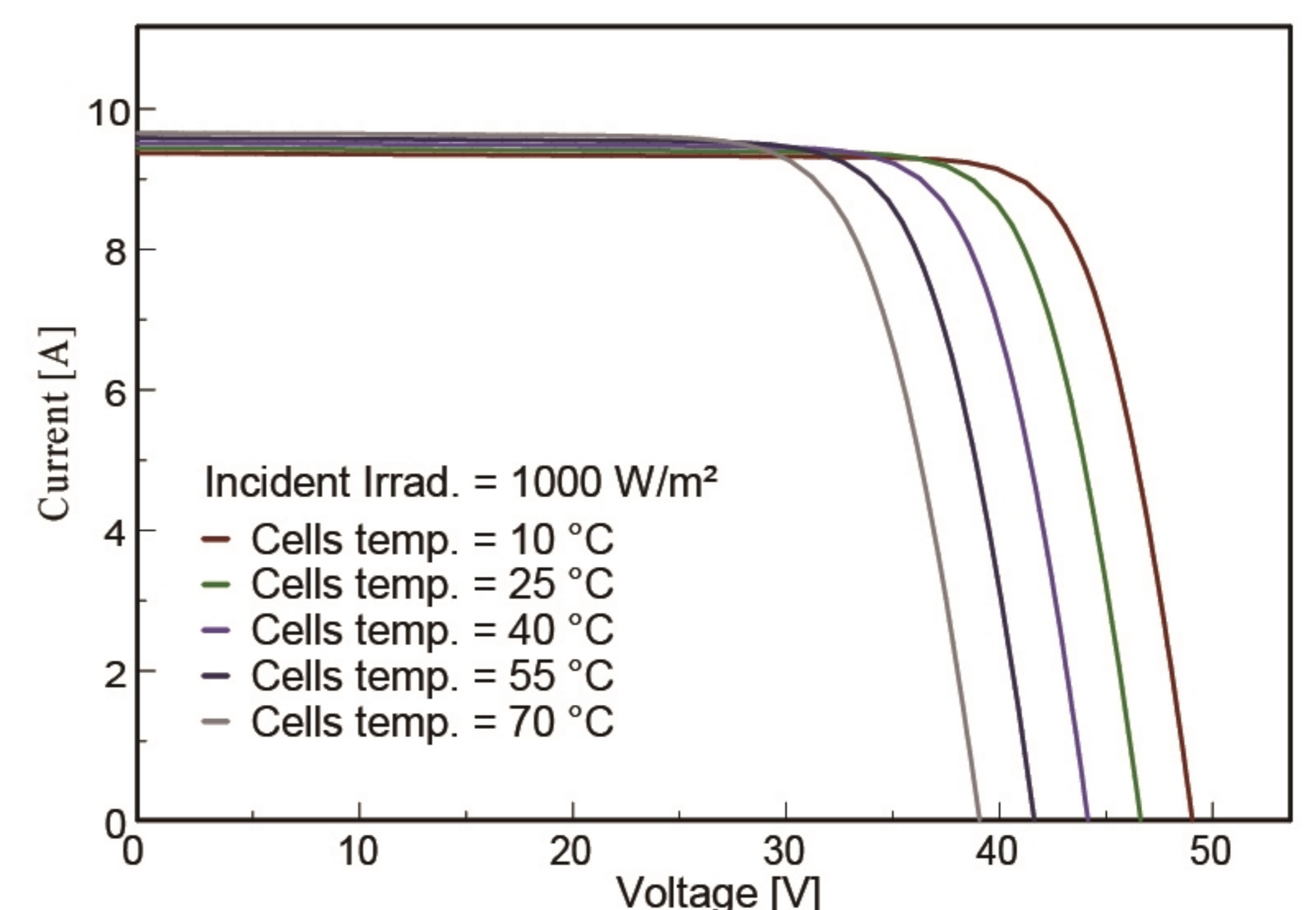
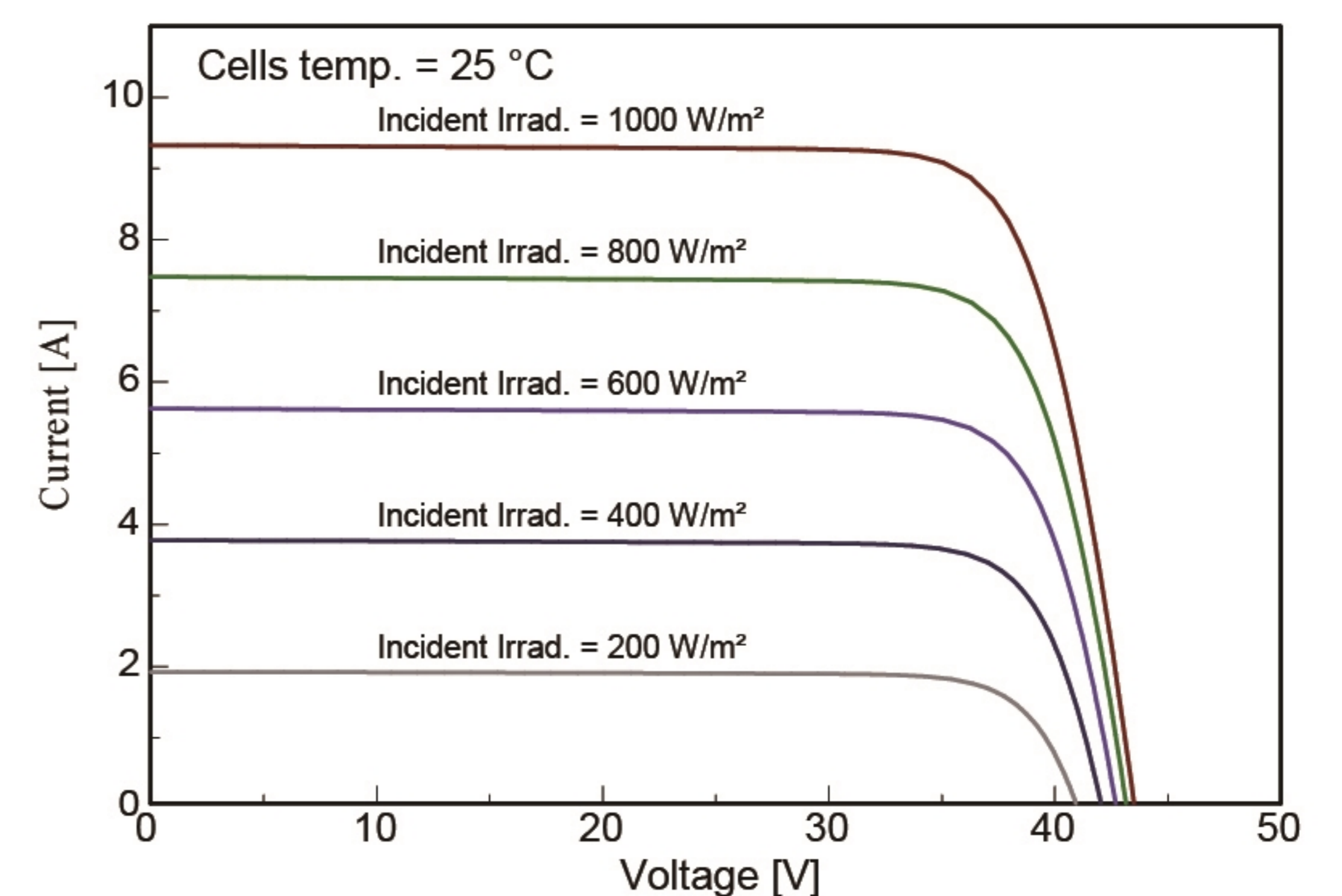
Mechanical Specifications

External Dimensions	1956×992×45mm	1956×992×40mm
Weight	23kg	22.5kg
Solar Cells	Poly crystalline 156×156mm (72pcs)	Poly crystalline 156×156mm (72pcs)
Front Glass	3.2 mm tempered glass, low iron	3.2 mm tempered glass, low iron
Frame	Anodized aluminum alloy	Anodized aluminum alloy
Junction Box	IP67	IP67
Output Cables	4.0 mm ² , cable length:1000 mm	4.0 mm ² , cable length:1000 mm
Connector	MC4 Compatible	MC4 Compatible
Mechanical Load	5400 Pa	5400 Pa

Packing Configuration

	1956×992×45mm		1956×992×40mm	
Container	20'GP	40'GP	20'GP	40'GP
Pieces per Pallet	23	23	26	26
Pallets per Container	10	22	10	22
Pieces per Container	230	506	260	572

I-V Curve (SKT320P-24)



Specifications are subject to change without further notification SKT-EN-2017V1.0 © Copyright 2017 Sunket