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# **EnergyPal**

## **Solar Panel Guide Specification Data Sheet**

**Wuxi Sunket New Energy Technology Co., Ltd.**

**SKT340-370M6-24**

**SKT345M6-24**

Also available on the web at  
[EnergyPal.com/wuxi-sunket-new-energy-technology-co-ltd-solar-panels/skt345m6-](http://EnergyPal.com/wuxi-sunket-new-energy-technology-co-ltd-solar-panels/skt345m6-24)

# 340~370 Watt



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



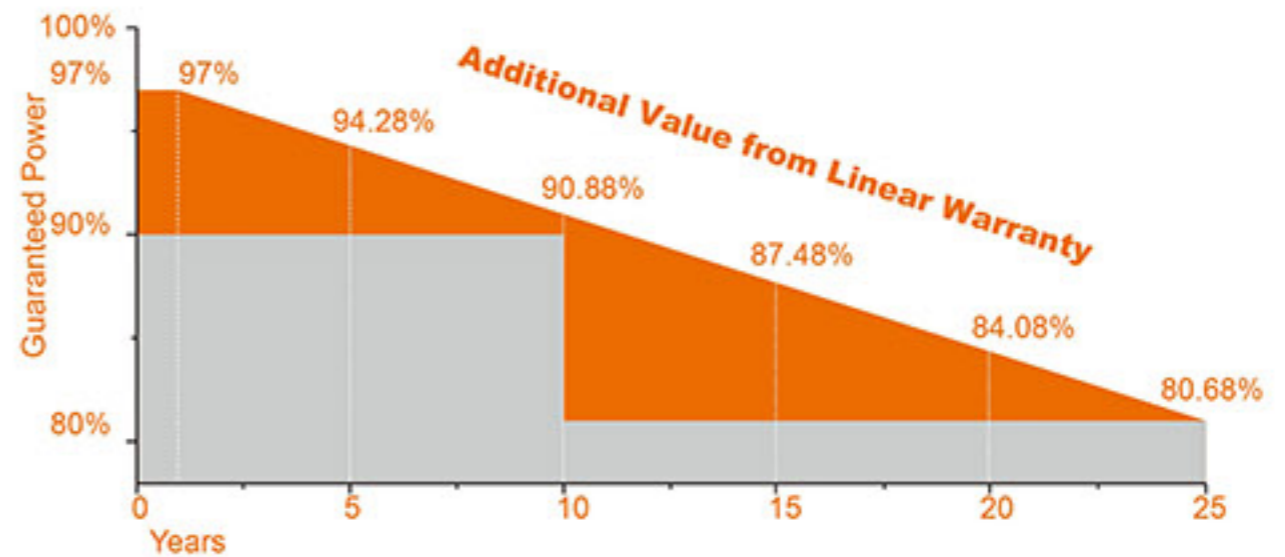
## MANAGEMENT SYSTEM

- 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

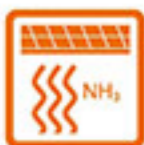
**12** Years  
90% Output  
Power  
guarantee

**25** Years  
80% Output  
Power  
guarantee

## Safety



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



Safety for ammonia corrosion  
(IEC62716, tested in TÜV)



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

## 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 mono  
solar cells



Excellent performance in  
low-light environments



High transmissivity, low-iron  
tempered glass.

### Electrical Characteristics (STC)

Module Type	SKT340M-24	SKT345M-24	SKT350M-24	SKT355M-24
Maximum Power- Pmax(W)	340	345	350	355
Open Circuit Voltage - Voc(V)	47.4	47.8	48.2	48.7
Short- Circuit Current - Isc(A)	9.56	9.62	9.66	9.72
Voltage at Pmax -Vmp(V)	38.6	38.9	39.3	39.6
Current at Pmax - Imp(A)	8.81	8.87	8.91	8.97
Module Efficiency - $\eta_m$ (%)	17.5	17.8	18.1	18.4

Module Type	SKT360M-24	SKT365M-24	SKT370M-24
Maximum Power- Pmax(W)	360	365	370
Open Circuit Voltage - Voc(V)	49.1	49.5	49.9
Short- Circuit Current - Isc(A)	9.76	9.82	9.93
Voltage at Pmax -Vmp(V)	39.9	40.2	40.5
Current at Pmax - Imp(A)	9.03	9.08	9.14
Module Efficiency - $\eta_m$ (%)	18.7	18.8	19.0

STC: Irradiance 1000W/m<sup>2</sup>, 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

### Temperature Characteristics

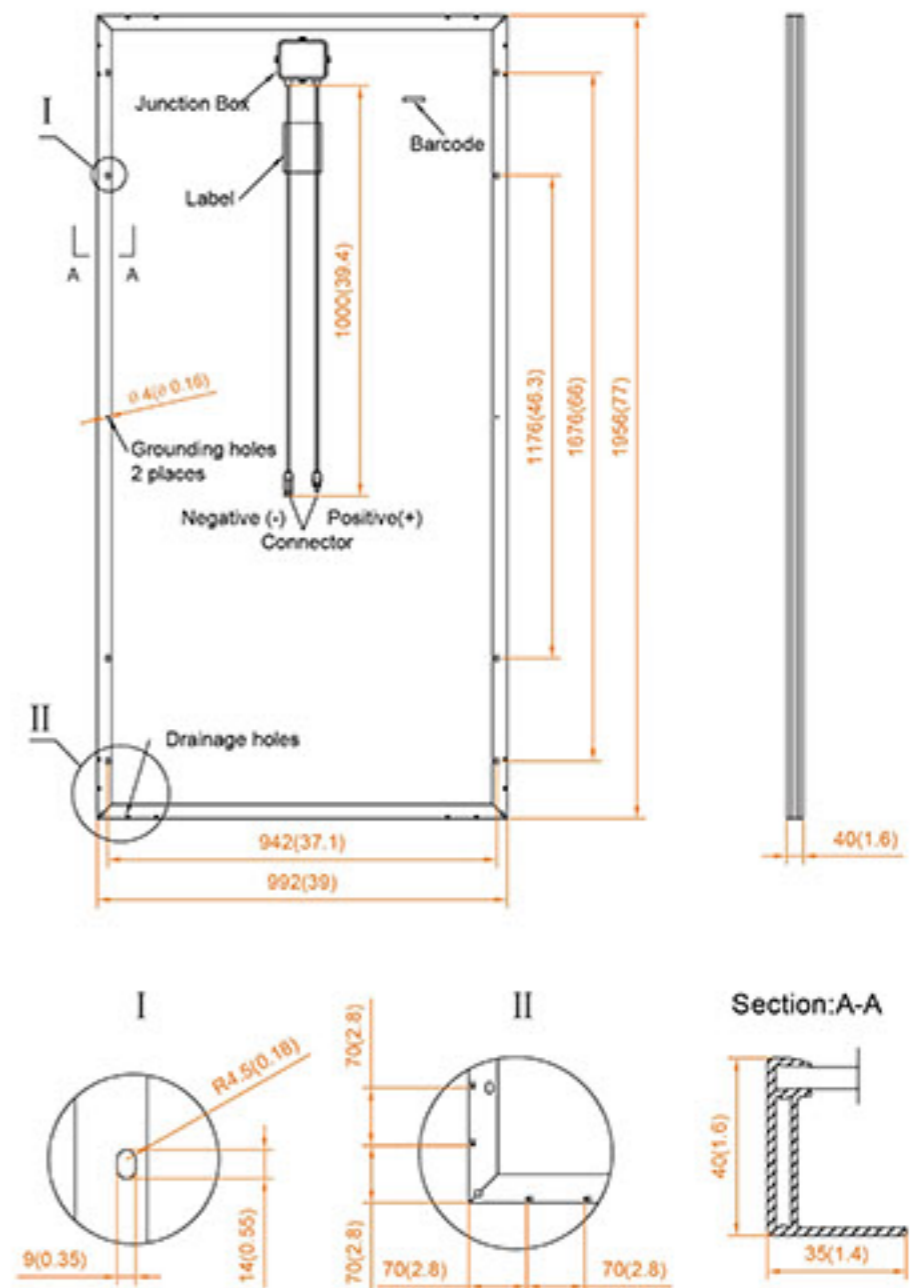
Pmax Temperature Coefficient	-0.40%/°C
Voc Temperature Coefficient	-0.32%/°C
Isc Temperature Coefficient	+0.05%/°C
Operating Temperature	-40~+85°C
Nominal Operating Cell Temperature(NOCT)	45±2°C

### Mechanical Specifications

External Dimensions	1956×992×45mm	1956×992×40mm
Weight	23 kg	22.5 kg
Solar Cells	Mono crystalline 156×156mm (72pcs)	Mono 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 <sup>2</sup> , cable length:1000 mm	4.0 mm <sup>2</sup> , cable length:1000 mm
Connector	MC4 Compatible	MC4 Compatible
Mechanical Load	5400 Pa	5400 Pa

### Packing Configuration

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

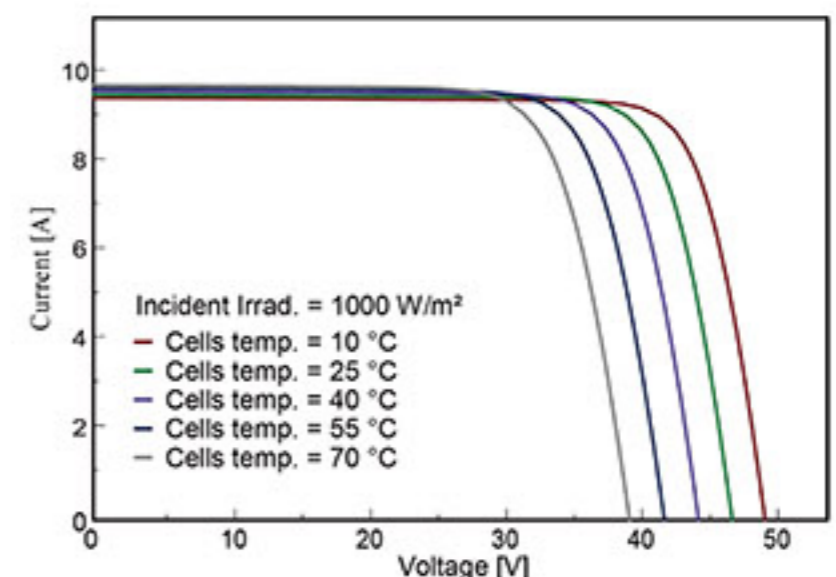
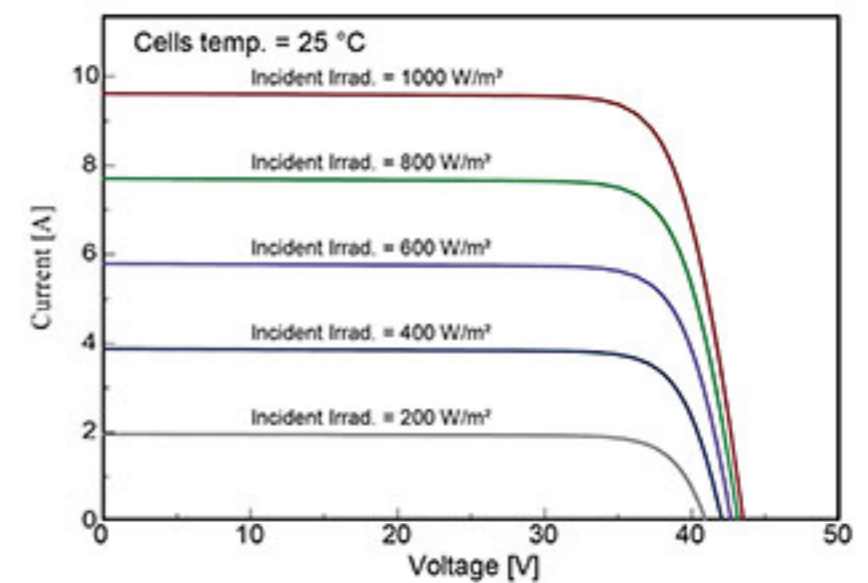


All Dimensions in mm(inch)

The above drawing is a graphical representation of the product.

For engineering quality drawings please contact SUNKET.

### I-V Curve (SKT340M-24)



Specifications are subject to change without further notification SKT-EN-2019V1.0 © Copyright 2019 Sunket