

➤ **SKT390~420M10**  
**390~420 Watt**

182mm 108Cells PV Module

**BLACK**

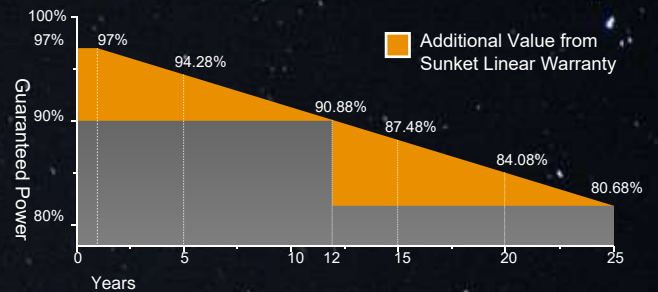
\*BLACK FRAME/BLACK BACK-SHEET PRODUCTS ARE AVAILABLE UPON REQUEST



**12** Years  
Material & Craft  
Quality assurance

**12** Years  
90% Output  
Power guarantee

**25** Years  
80% Output  
Power guarantee



**Manufactured in China**  
(Sunket New Energy Technology Co.,Ltd.)

➤ **PRODUCT FEATURE**



High transmissivity,  
low-iron  
tempered glass.



Using high  
efficiency mono  
solar cells



Excellent  
performance  
in low-light  
environments



High quality  
junction box and  
connector  
systems



100% inspection,  
to guarantee  
the reliability of  
solar systems



Lower temperature  
coefficient

➤ **MANAGEMENT SYSTEM**



**ISO 9001 :**  
Quality management system



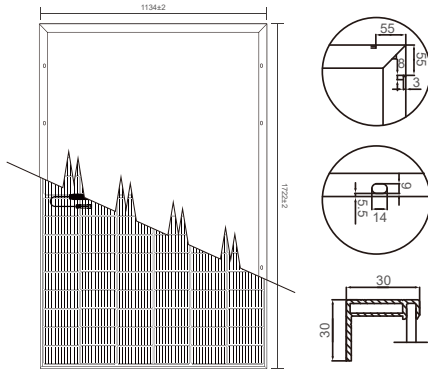
**ISO 14001 :**  
Standard for environmental management system



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

➤ **PRODUCT CERTIFICATES**

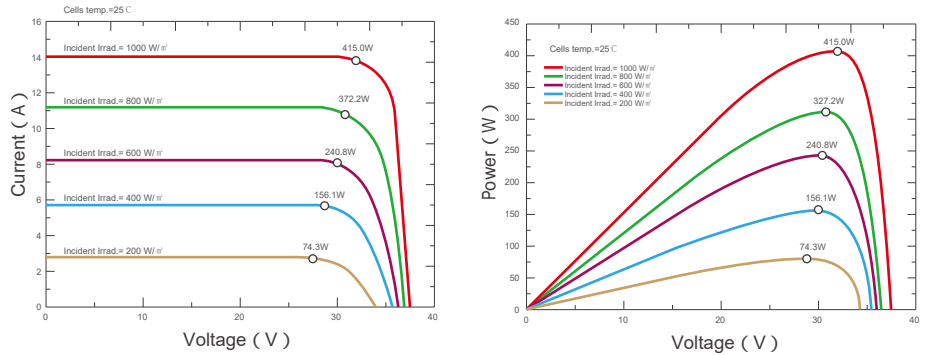


**Dimension Drawing**


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

**I-V Graph**

Current-Voltage &amp; Power-Voltage Curves (SKT420M10)


**Electrical Characteristics (STC)**

Module Type	SKT390M10	SKT395M10	SKT400M10	SKT405M10	SKT410M10	SKT415M10	SKT420M10
	STC	STC	STC	STC	STC	STC	STC
Maximum Power- Pmax(W)	390±3%	395±3%	400±3%	405±3%	410±3%	415±3%	420±3%
Open Circuit Voltage - Voc(V)	36.85±3%	36.98±3%	37.07±3%	37.23±3%	37.32±3%	37.45±3%	37.56±3%
Short- Circuit Current - Isc(A)	13.61±3%	13.70±3%	13.79±3%	13.87±3%	13.95±3%	14.02±3%	14.09±3%
Voltage at Pmax -Vmp(V)	30.64	30.84	31.01	31.21	31.45	31.61	31.77
Current at Pmax - Imp(A)	12.73	12.81	12.90	12.98	13.04	13.13	13.22
Module Efficiency -ηm(%)	20.0	20.2	20.5	20.8	21.0	21.3	21.6
Power Tolerance(W)	(0, +5W)						
Maximum System Voltage(V)	1500Vdc						
Maximum Series Fuse Rating (A)	25A						

STC : Irradiance 1000W/m<sup>2</sup>, Cell Temperature 25°C, Air Mass 1.5

**Mechanical Specifications**

External Dimensions, Weight	1722x1134x30mm, 20.5kg
Solar Cells	Mono crystalline 182mm (2x54pcs)
Front Glass	AR Coated 3.2 mm tempered glass
Frame	Anodized aluminum alloy
Junction Box	IP68
Output Cables	4.0mm <sup>2</sup> , 30cm (+), 30cm (-), length can be customized
Connector	TL-CABLE01S(Tonglin)
Fire safety	Class C
Mechanical Load	Front Side Max. 5400Pa, Rear Side Max. 2400Pa

**Packing Configuration**

	1722x1134x30mm	
Container	20'GP	40'HQ
Pieces per Pallet	36	36
Pallets per Container	6	26
Pieces per Container	216	936

**Temperature Characteristics**

Pmax Temperature Coefficient	-0.350%/°C
Voc Temperature Coefficient	-0.275%/°C
Isc Temperature Coefficient	+0.045%/°C
Operating Temperature	-40 ~ +85°C
Nominal Operating Cell Temperature(NOCT)	45±2°C