



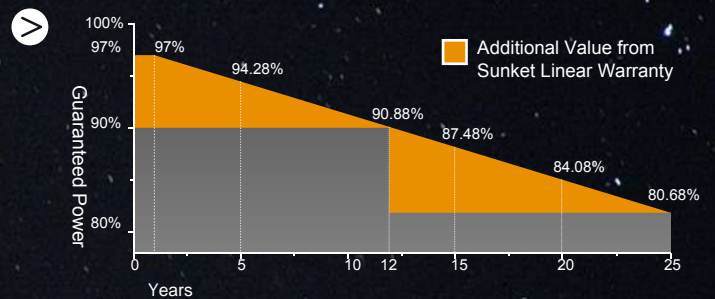
➤ **SKT575~600M10**
575~600 Watt

182mm 156Cells 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	CPIC CREDIT PROMISE
--	--	--	------------------------



➤ **PRODUCT FEATURE**

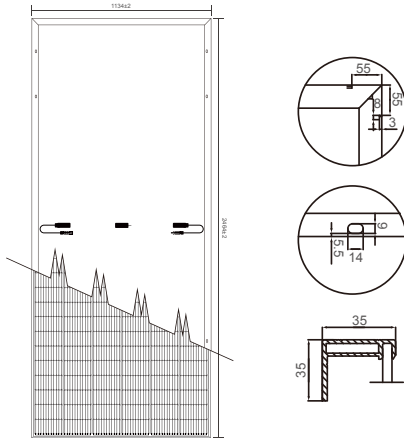
 High transmissivity, low-iron tempered glass.	 Using high efficiency mono solar cells	 Excellent performance in low-light environments	 High quality junction box and connector systems
 100% inspection, to guarantee the reliability of solar systems	 Anti LID	 Anti PID	 Lower temperature coefficient

➤ **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**

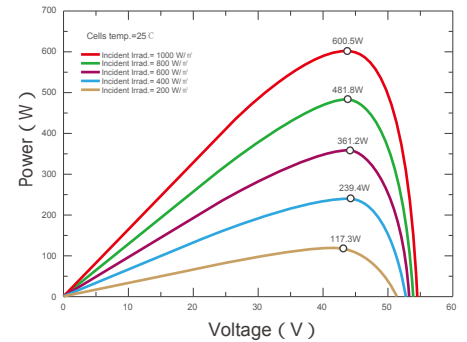
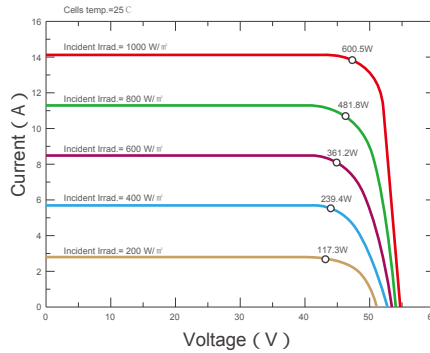
		
		

Dimension Drawing


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 & Power-Voltage Curves (SKT600M10)


Electrical Characteristics (STC/NOCT)

Module Type	SKT575M10		SKT580M10		SKT585M10		SKT590M10		SKT595M10		SKT600M10	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power- Pmax(W)	575	428	580	432	585	435	590	439	595	443	600	447
Open Circuit Voltage - Voc(V)	53.43	50.43	53.54	50.54	53.65	50.64	53.76	50.75	53.87	50.86	53.98	50.97
Short- Circuit Current - Isc(A)	13.69	11.06	13.77	11.12	13.85	11.19	13.97	11.27	14.05	11.35	14.13	11.43
Voltage at Pmax -Vmp(V)	44.22	41.14	44.34	41.29	44.41	41.39	44.49	41.46	44.57	41.67	44.65	41.88
Current at Pmax - Imp(A)	13.01	10.41	13.09	10.47	13.18	10.51	13.27	10.59	13.36	10.63	13.45	10.67
Module Efficiency -ηm(%)	20.58	/	20.76	/	20.94	/	21.12	/	21.29	/	21.47	/
Power Tolerance(W)	(0, +4.99W)											
Maximum System Voltage(V)	1500Vdc (IEC / UL)											
Maximum Series Fuse Rating (A)	25A											

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

NOCT : Irradiance 800W/m², Ambient Temperature 20°C, Air Mass 1.5, Wind Speed 1m/s

Mechanical Specifications

External Dimensions	2464x1134x35mm
Weight	32.1kg
Solar Cells	Mono crystalline 182mm (2x78pcs)
Front Glass	AR Coated 3.2 mm tempered glass
Frame	Anodized aluminum alloy
Junction Box	IP68
Output Cables	4.0mm ² , 1200mm (+), 1200mm (-), length can be customized
Connector	MC4 Compatible
Mechanical Load	Front Side Max. 5400Pa, Rear Side Max. 2400Pa

Packing Configuration

	2464x1134x35mm	
Container	20'GP	40'HQ
Pieces per Pallet	30	31
Pallets per Container	5	16
Pieces per Container	150	496

Temperature Characteristics

Pmax Temperature Coefficient	-0.350%/°C
Voc Temperature Coefficient	-0.280%/°C
Isc Temperature Coefficient	+0.048%/°C
Operating Temperature	-40 ~ +85°C
Nominal Operating Cell Temperature(NOCT)	45±2°C