

SCAN CODE TO WATCH VIDEO

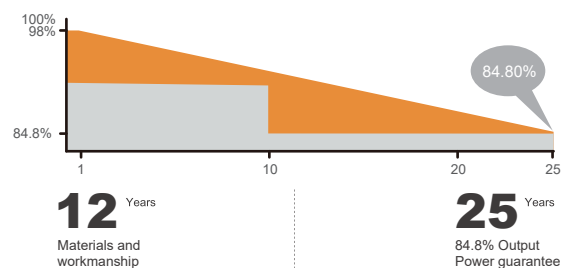


Learn more about the production of 182mm Mono PV Module

Sunket Linear Warranty

SKT530~555M10 530~555 Watt

182mm 144Cells Mono Half Cell PV Module Series



12 Years
Materials and workmanship

25 Years
84.8% Output Power guarantee



MBB PERC Half Cut Cell



Excellent Low-light Performance



100% Inspection Guarantee Reliability



Anti PID

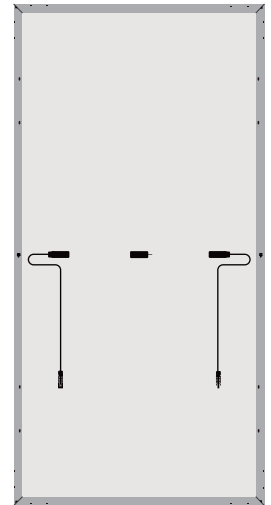
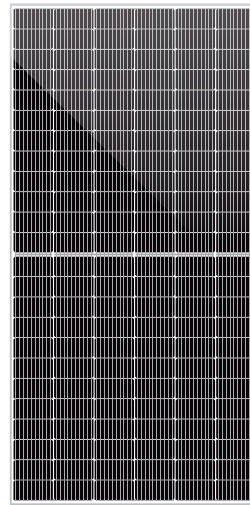
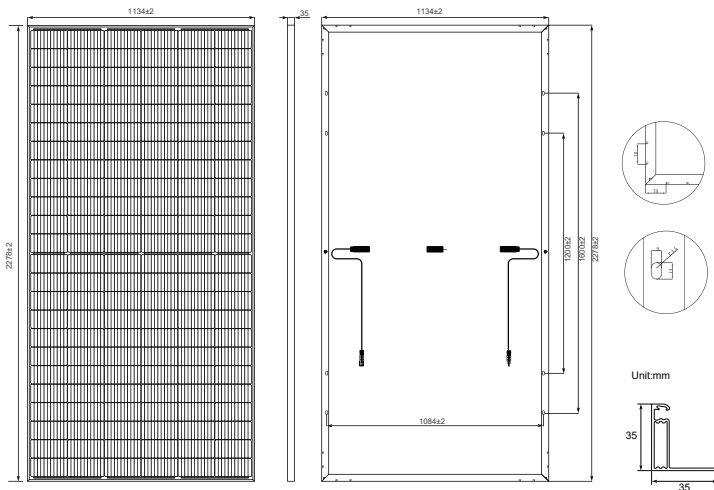


5400Pa Strengthened Mechanical Load



High Density Packaging





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

Electrical Characteristics (STC/NOCT)

Module Type	SKT530M10		SKT535M10		SKT540M10		SKT545M10		SKT550M10		SKT555M10	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power- Pmax(W)	530	396.2	535	399.9	540	403.6	545	407.4	550	411.1	555	414.8
Open Circuit Voltage - Voc(V)	49.20	46.26	49.35	46.40	49.50	46.54	49.65	46.68	49.80	46.82	49.95	46.97
Short- Circuit Current - Isc(A)	13.71	11.07	13.78	11.12	13.85	11.17	13.92	11.23	13.99	11.29	14.05	11.34
Voltage at Pmax -Vmp(V)	41.35	38.58	41.48	38.72	41.64	38.86	41.80	39.00	41.93	39.14	42.10	39.28
Current at Pmax - Imp(A)	12.83	10.27	12.90	10.33	12.97	10.39	13.04	10.45	13.12	10.51	13.19	10.56
Module Efficiency -ηm(%)	20.5	/	20.7	/	20.9	/	21.1	/	21.3	/	21.5	/
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

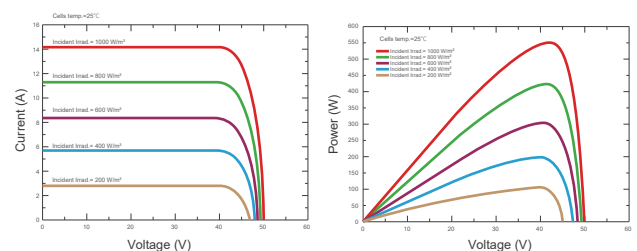
Mechanical Specifications

External Dimensions	2278x1134x35mm
Weight	28.6kg
Solar Cells	Mono crystalline 182mm (2x72pcs)
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

	2278x1134x35mm	
Container	20'GP	40'HQ
Pieces per Pallet	31	31
Pallets per Container	4	20
Pieces per Container	124	620

Current-Voltage & Power-Voltage Curves (SKT555M10)



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