

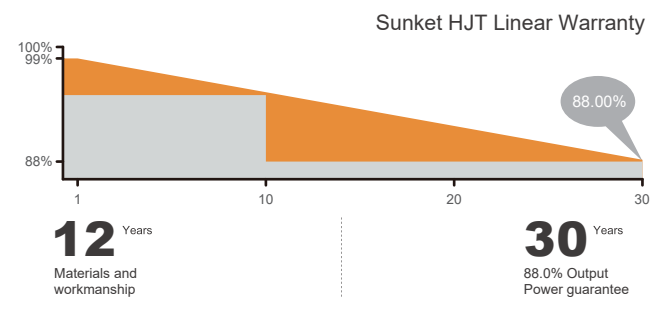
SCAN CODE TO WATCH VIDEO





Learn more about the production of 182mm Mono PV Solar Module


# SKT430~450M10-108D5 430~450 Watt

182mm 108Cells Double Glass Bifacial HJT Half Cell PV Module Series





 **HJT** SMBB HJT Half Cut Cell

 Excellent Low-light Performance

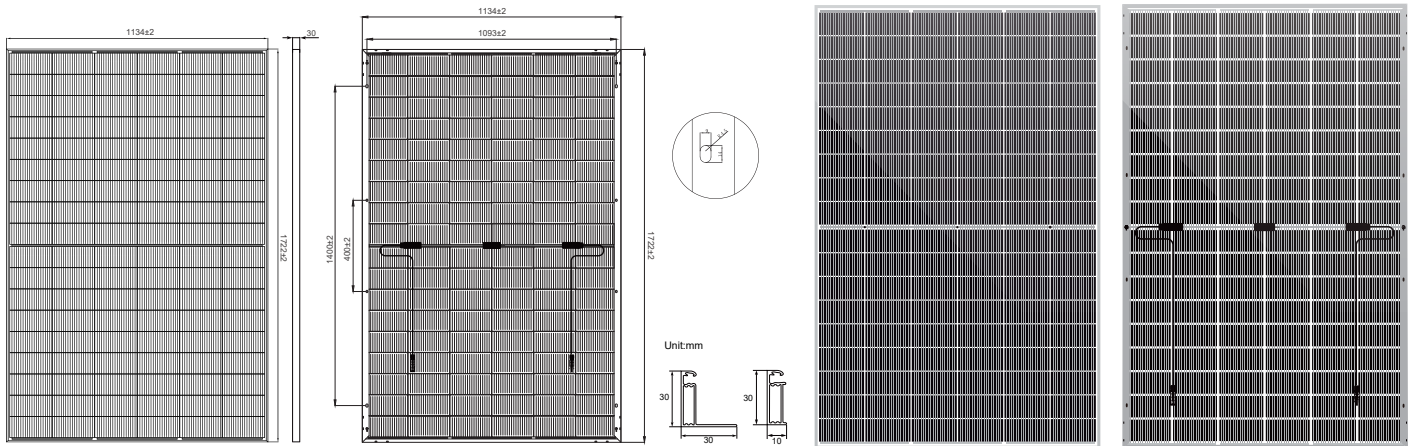
 100% Inspection  
30 years Guarantee Reliability

 **anti PID** Anti PID

 **5400Pa** Strengthened Mechanical Load

 Advanced Bifacial Efficiency





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	SKT430M10-108D5		SKT435M10-108D5		SKT440M10-108D5		SKT445M10-108D5		SKT450M10-108D5	
	STC	BSTC	STC	BSTC	STC	BSTC	STC	BSTC	STC	BSTC
Maximum Power- Pmax(W)	430	475	435	480	440	485	445	490	450	495
Open Circuit Voltage - Voc(V)	39.80	39.80	40.06	40.06	40.33	40.33	40.59	40.59	40.84	40.84
Short- Circuit Current - Isc(A)	13.30	14.69	13.35	14.73	13.40	14.77	13.45	14.81	13.50	14.85
Voltage at Pmax -Vmp(V)	33.49	33.49	33.75	33.75	34.01	34.01	34.26	34.26	34.51	34.51
Current at Pmax - Imp(A)	12.84	14.18	12.89	14.23	12.94	14.27	12.99	14.31	13.04	14.35
Module Efficiency -ηm(%)	22.02	/	22.28	/	22.53	/	22.79	/	23.04	/
Power Tolerance(W)	(0, +4.99W)									
Maximum System Voltage(V)	1500Vdc (IEC / UL)									
Maximum Series Fuse Rating (A)	25A									

STC : Irradiance 1000W/m<sup>2</sup>, Cell Temperature 25°C, Air Mass 1.5      BSTC : Front side irradiation 1000W/m<sup>2</sup>, back side reflection irradiation 135W/m<sup>2</sup>, AM=1.5, Ambient Temperature 25°C

## Mechanical Specifications

External Dimensions	1722x1134x30mm
Weight	23.4kg
Solar Cells	N-Type 182mm (2x54pcs)
Front Glass	AR Coated 2+2 mm tempered glass
Frame	Anodized aluminum alloy
Junction Box	IP68
Output Cables	4.0mm <sup>2</sup> , 1200mm (+), 1200mm (-), length can be customized
Connector	MC4 Compatible
Mechanical Load	Front Side Max. 5400Pa, Rear Side Max. 2400Pa

## Temperature Characteristics

Pmax Temperature Coefficient	-0.260%/°C
Voc Temperature Coefficient	-0.240%/°C
Isc Temperature Coefficient	+0.040%/°C
Operating Temperature	-40~+85°C
Nominal Operating Cell Temperature(NOCT)	44±2°C

## Packing Configuration

External Dimensions	1722x1134x30mm
Container	40'HQ
Pieces per Pallet	26
Pallets per Container	36
Pieces per Container	936

## Current-Voltage & Power-Voltage Curves (SKT450M10-108D5)

