

SCAN CODE TO WATCH VIDEO

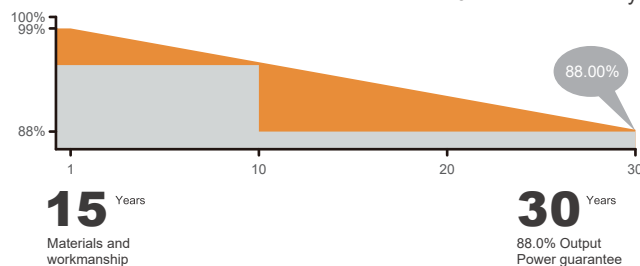


Learn more about the production of 182mm Mono PV Module

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

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

Sunket HJT Linear Warranty



SMBB HJT Half Cut Cell



Excellent Low-light Performance



100% Inspection Guarantee Reliability



Anti PID



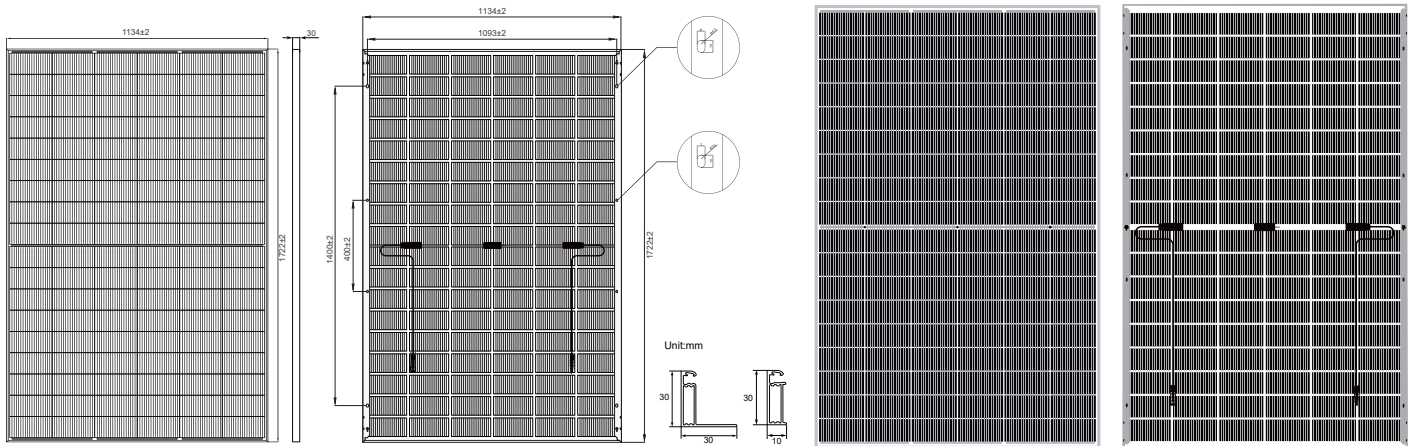
Strengthened Mechanical Load



Advanced Bifacial Efficiency



 **SUNKET - Solar**



All Dimensions in mm  
The above drawing is a graphical representation of the product.

## Electrical Characteristics (STC/BSTC)

Module Type	SKT430M10-108D5		SKT435M10-108D5		SKT440M10-108D5		SKT445M10-108D5		SKT450M10-108D5	
	STC	BSTC	STC	BSTC	STC	BSTC	STC	BSTC	STC	BSTC
Test Conditions	STC	BSTC	STC	BSTC	STC	BSTC	STC	BSTC	STC	BSTC
Maximum Power- Pmax(W)	430	480	435	485	440	490	445	495	450	495
Open Circuit Voltage - Voc(V)	41.37	41.37	41.64	41.46	41.91	41.91	42.18	42.18	42.44	42.44
Short- Circuit Current - Isc(A)	12.95	14.46	13.00	14.49	13.05	14.53	13.10	14.57	13.15	14.61
Voltage at Pmax -Vmp(V)	34.60	34.60	34.86	34.86	35.12	35.12	35.38	35.38	35.63	35.63
Current at Pmax - Imp(A)	12.43	13.88	12.48	13.92	12.53	13.96	12.58	14.00	12.63	14.04
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)	30A									

\*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.

\*Measurement tolerance: ±3% \*Power binning up to: +3%

## Mechanical Specifications

External Dimensions	1722x1134x30mm
Weight	23.4kg
Solar Cells	HJT 182mm (2x54pcs)
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 Range	-40~+85°C
Nominal Operating Cell Temperature(BSTC)	44±2°C

## Packing Configuration

Pallet Dimensions	1750x1140x1254mm		
Ways of Transport	40'HQ	13.5m Flatbed Truck	17.5m Flatbed Truck
Pieces per Pallet	37 Pcs	36 Pcs	36 Pcs
Pallets per Container	26 Pallets	22 Pallets	33 Pallets
Pieces per Container	962 Pcs	792 Pcs	1188 Pcs

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

