

SCAN CODE TO
WATCH VIDEO

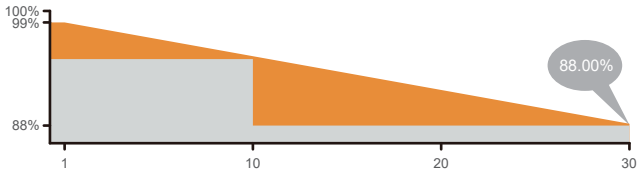
Learn more about the
production of 182mm
Mono PV Module

SKT420~440M10-108D6

420~440 Watt

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

Sunket HJT Linear Warranty



15 Years
Materials and
workmanship

30 Years
88.0% Output
Power guarantee

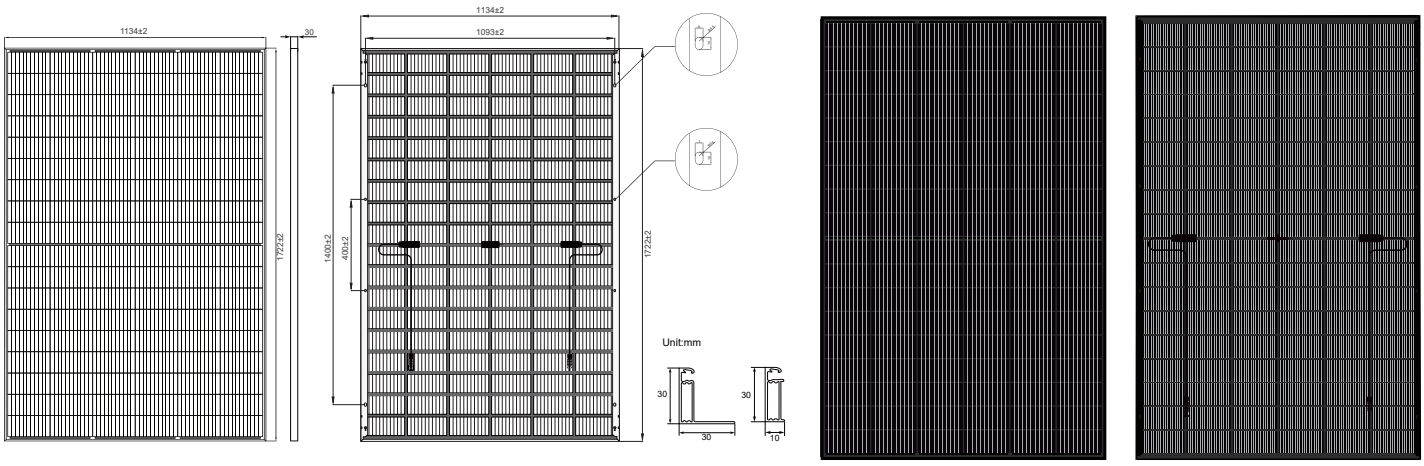
- SMBB HJT Half Cut Cell
- Excellent Low-light Performance
- 100% Inspection Guarantee Reliability
- Anti PID
- Strengthened Mechanical Load
- Advanced Bifacial Efficiency

SUNKET - Solar

SUNKET - Solar

SKT420~440M10-108D6

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



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

Electrical Characteristics (STC/BSTC)

Module Type	SKT420M10-108D6		SKT425M10-108D6		SKT430M10-108D6		SKT435M10-108D6		SKT440M10-108D6	
Test Conditions	STC	BSTC	STC	BSTC	STC	BSTC	STC	BSTC	STC	BSTC
Maximum Power- Pmax(W)	420	466	425	471	430	476	435	480	440	485
Open Circuit Voltage - Voc(V)	39.80	39.80	40.05	40.05	40.30	40.30	40.55	40.55	40.80	40.80
Short- Circuit Current - Isc(A)	13.18	14.59	13.23	14.63	13.28	14.67	13.33	14.71	13.38	14.75
Voltage at Pmax -Vmp(V)	33.04	33.04	33.29	33.29	33.54	33.54	33.79	33.79	34.04	34.04
Current at Pmax - Imp(A)	12.73	14.10	12.78	14.14	12.83	14.18	12.88	14.22	12.93	14.26
Module Efficiency -ηm(%)	21.48	/	21.74	/	21.99	/	22.25	/	22.51	/
Power Tolerance(W)	(0，+4.99W)									
Maximum System Voltage(V)	1500Vdc (IEC / UL)									
Maximum Series Fuse Rating (A)	30A									

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

*BSTC : Front side irradiation 1000W/m², back side reflection irradiation 135W/m², AM=1.5, Ambient Temperature 25°C.

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

Mechanical Specifications

External Dimensions	1722x1134x30mm
Weight	22kg
Solar Cells	HJT 182mm (2x54pcs)
Glass	AR Coated 1.6+1.6 mm tempered glass
Frame	Anodized aluminum alloy
Junction Box	IP68
Output Cables	4.0mm², 1200mm (+), 1200mm (-), length can be customized
Connector	MC4 Compatible
Mechanical Load	Front Side Max. 5400Pa, Rear Side Max. 2400Pa

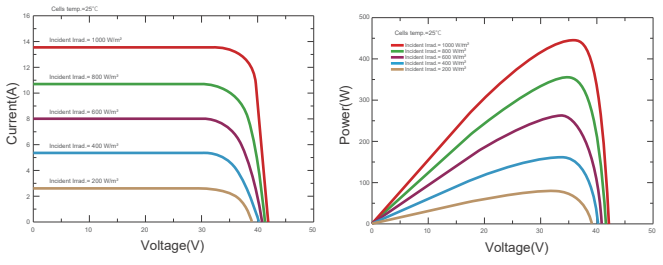
Packing Configuration

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	24 Pallets	36 Pallets
Pieces per Container	962 Pcs	864 Pcs	1296 Pcs

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

Current-Voltage & Power-Voltage Curves (SKT440M10-108D6)



 ©Copyright 2026 Sunket