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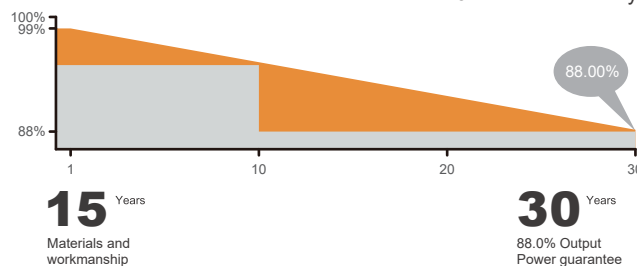
Learn more about the
production of 182mm
Mono PV Module

SKT430~455M10

430~455 Watt

182mm 108Cells All Black 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

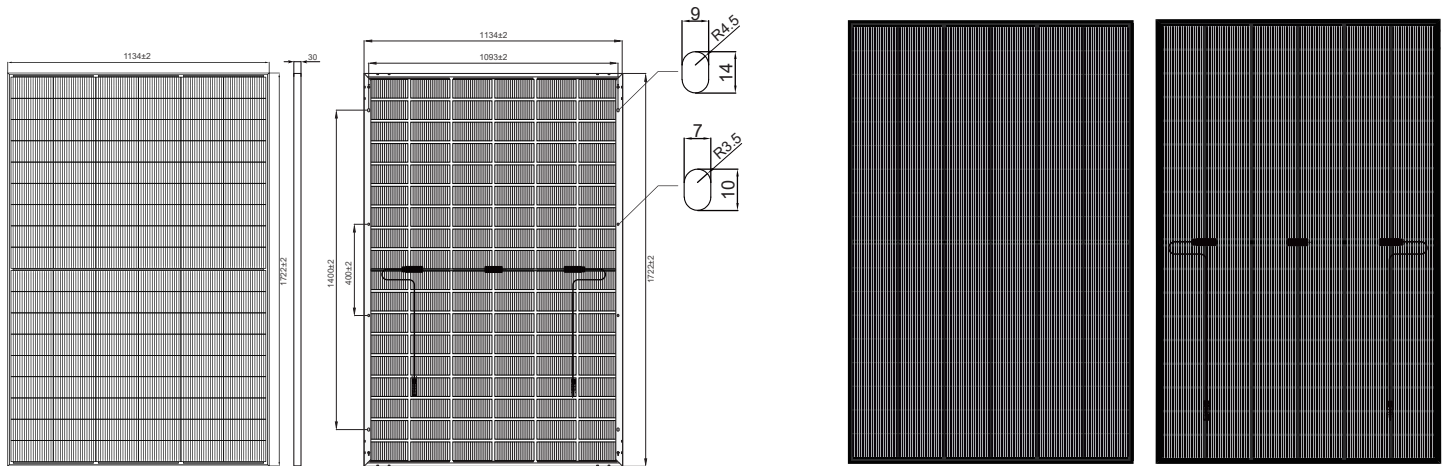


5400Pa
Strengthened
Mechanical Load



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/BSTC)

Module Type	SKT430M10		SKT435M10		SKT440M10		SKT445M10		SKT450M10		SKT455M10	
	STC	BSTC	STC	BSTC	STC	BSTC	STC	BSTC	STC	BSTC	STC	BSTC
Maximum Power- Pmax(W)	430	480	435	485	440	490	445	495	450	495	455	500
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	42.70	42.70
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	13.20	14.53
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	35.88	35.88
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	12.69	13.94
Module Efficiency -ηm(%)	22.02	/	22.28	/	22.53	/	22.79	/	23.04	/	23.30	/
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.

Mechanical Specifications

External Dimensions	1722x1134x30mm
Weight	22kg
Solar Cells	HJT Mono crystalline 182mm (2x54pcs)
Front Glass	AR Coated 1.6+1.6 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

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

Container	40'HQ
Pieces per Pallet	36
Pallets per Container	26
Pieces per Container	936

Current-Voltage & Power-Voltage Curves (SKT455M10)

