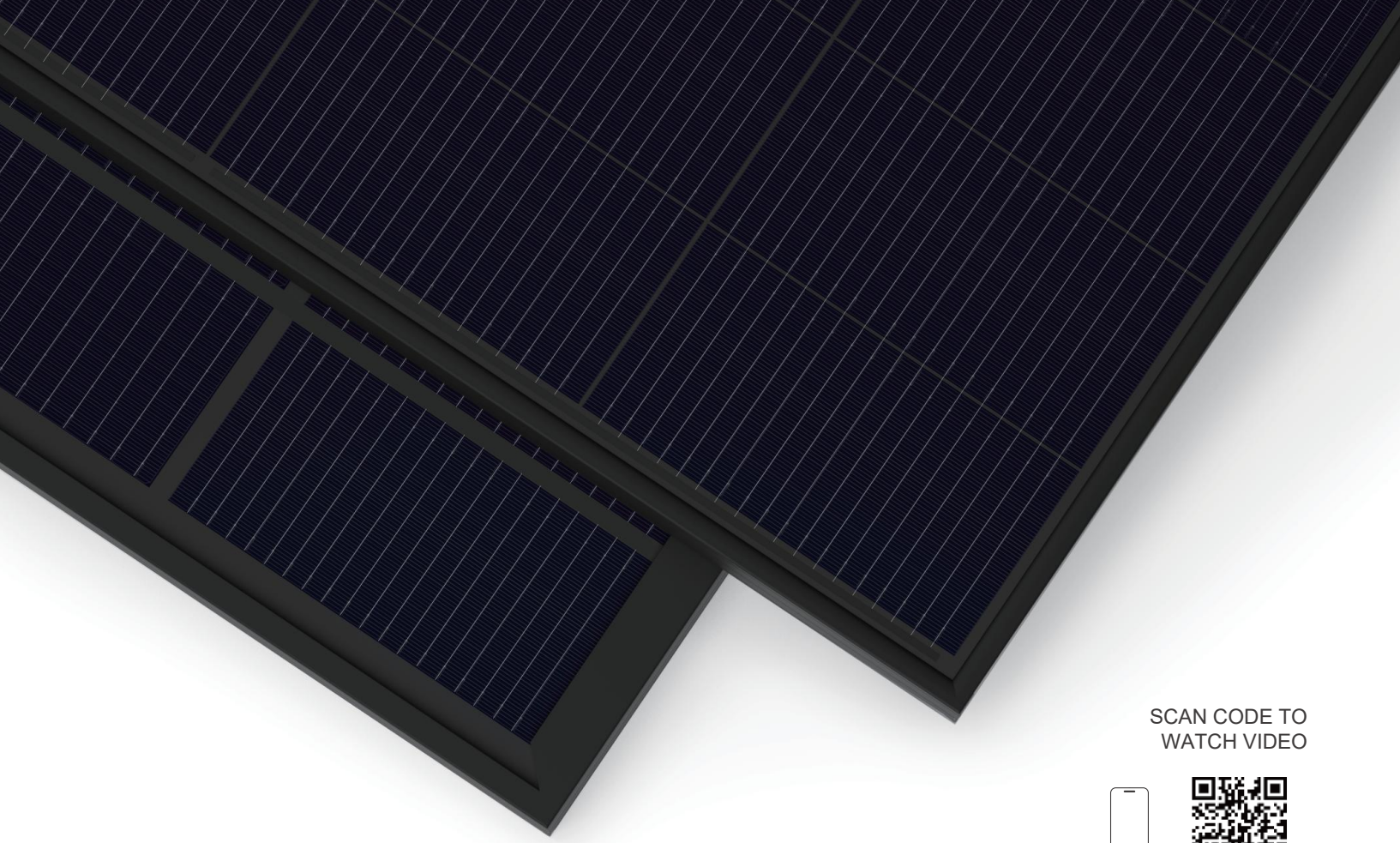


SCAN CODE TO
WATCH VIDEO

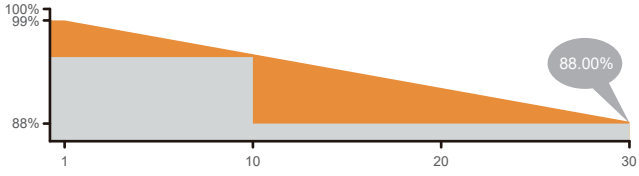
Learn more about the
production of 182mm
Mono PV Module

SKT430~455M10

430~455 Watt

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

Sunket HJT Linear Warranty



15 Years
Materials and
workmanship

30 Years
88.0% Output
Power guarantee

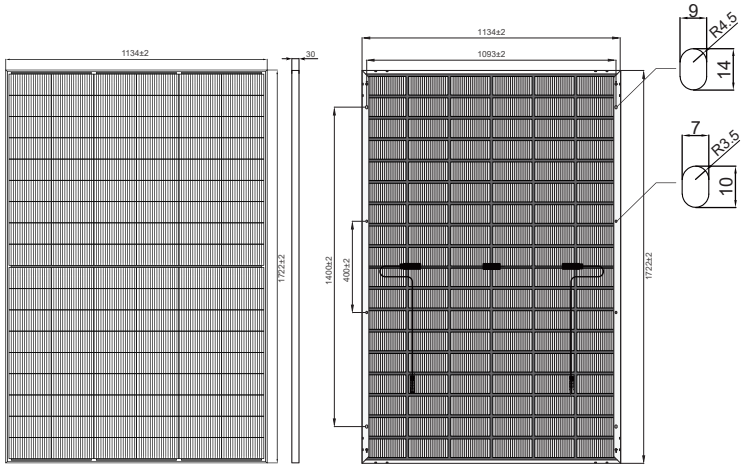
- SMBB HJT Half Cut Cell
- Excellent Low-light Performance
- 100% Inspection Guarantee Reliability
- Anti PID
- Strengthened Mechanical Load
- Advanced Bifacial Efficiency

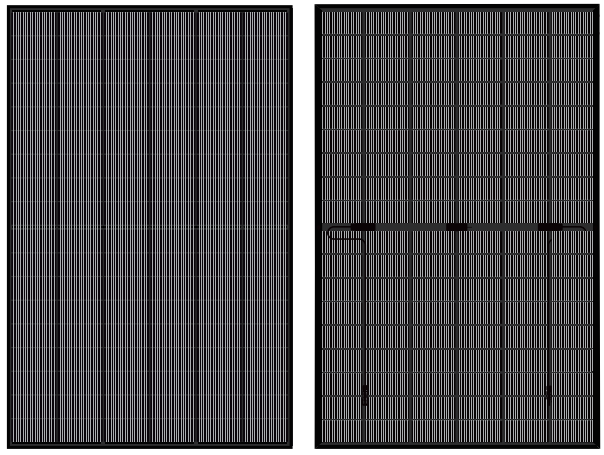
SUNKET® - Solar

SUNKET® - Solar

SKT430~455M10

182mm 108Cells All Black 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	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	500	455	505
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	14.65
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	14.08
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 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

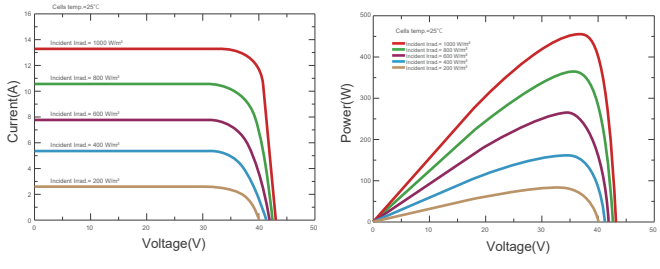
Packing Configuration

Pallet Dimensions	1750x1140x1254mm
Container	40'HQ
Pieces per Pallet	37
Pallets per Container	26
Pieces per Container	962

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

Current-Voltage & Power-Voltage Curves (SKT455M10)



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