

SCAN CODE TO
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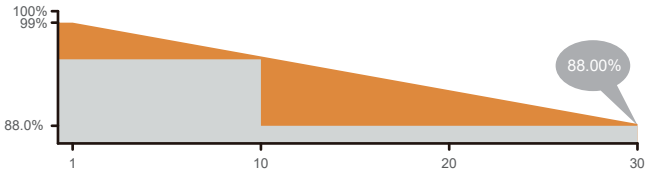
Learn more about the
production of 182mm
Mono PV Module

SKT500~520M10

500~520 Watt

210x182mm 16BB 108Cells All Black Double Glass Bifacial
HJT Mono Half Cell PV Module Series

Sunket Linear Warranty



15 Years
Materials and
workmanship

30 Years
88.0% Output
Power guarantee

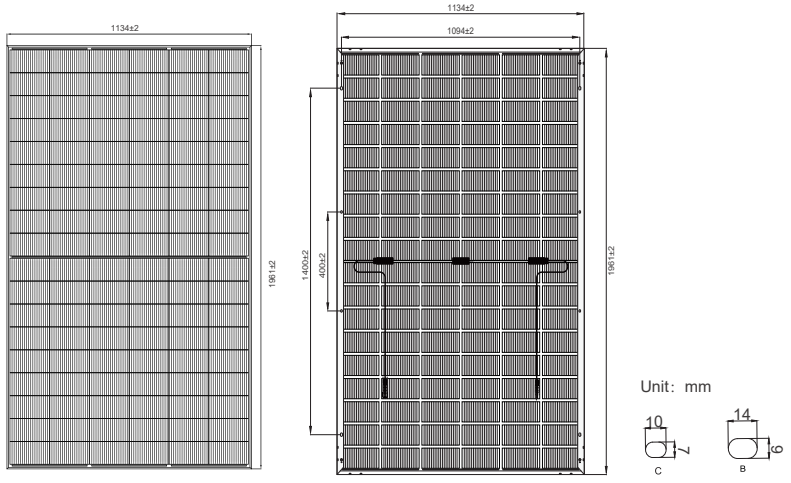
- SMBB HJT Half Cut Cell
- Excellent Low-light Performance
- 100% Inspection Guarantee Reliability
- Anti PID
- Strengthened Mechanical Load
- Advanced Bifacial Efficiency

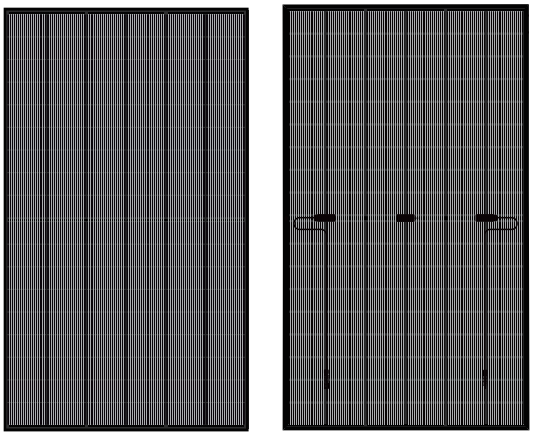
SUNKET® - Solar

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SKT500~520M10

210×182mm 16BB 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	SKT500M10		SKT505M10		SKT510M10		SKT515M10		SKT520M10	
	STC	BSTC	STC	BSTC	STC	BSTC	STC	BSTC	STC	BSTC
Maximum Power- Pmax(W)	500	560	505	565	510	570	515	575	520	580
Open Circuit Voltage - Voc(V)	41.67	41.67	41.82	41.82	41.97	41.97	42.12	42.12	42.16	42.16
Short- Circuit Current - Isc(A)	15.42	17.19	15.47	17.25	15.52	17.30	15.57	17.36	16.02	17.86
Voltage at Pmax -Vmp(V)	34.36	34.36	34.49	34.49	34.61	34.61	34.74	34.74	34.87	34.87
Current at Pmax - Imp(A)	14.56	16.30	14.65	16.39	14.74	16.47	14.83	16.56	14.92	16.64
Module Efficiency -ηm(%)	22.50	/	22.72	/	22.95	/	23.17	/	23.40	/
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	1961x1134x30mm
Weight	27.6kg
Solar Cells	HJT Mono crystalline 182mm (2x54pcs)
Front Glass	AR Coated 2+2 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

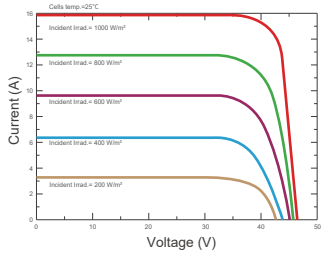
Packing Configuration

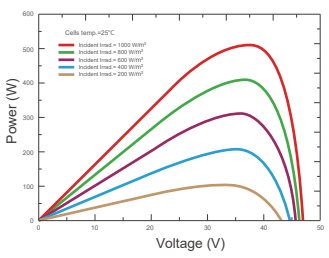
	1961x1134x30mm
Container	40'HQ
Pieces per Pallet	36
Pallets per Container	22
Pieces per Container	792

Temperature Characteristics

Pmax Temperature Coefficient	-0.240%/°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 (SKT520M10)





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