

N TYPE

SCAN CODE TO
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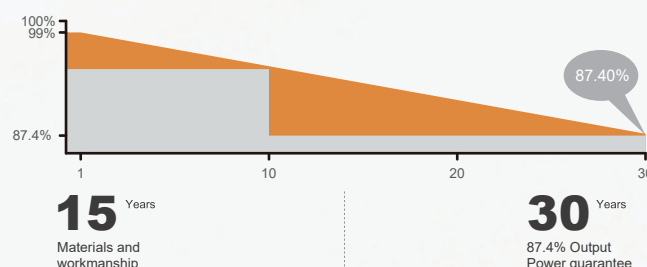


Learn more about the
production of 182mm
Mono PV Module

SKT455~480M10-120D5 455~480 Watt

182mm 16BB 120Cells Double Glass Bifacial
N Type Mono Half Cell PV Module Series

Sunket N Type Linear Warranty



SBBB Technology
Half Cut N Type Cell



High Energy
Performance



100% Inspection
30years Guarantee



Fire Class A



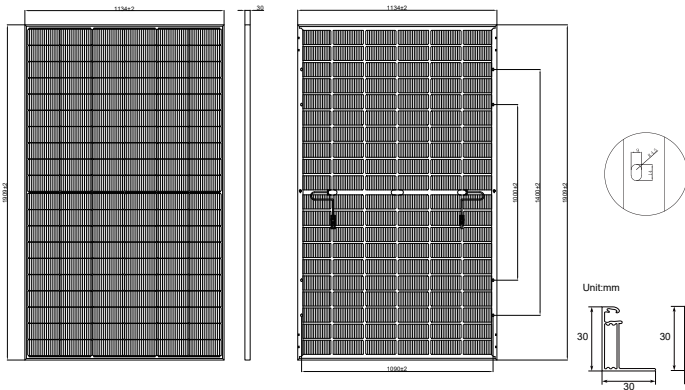
5400Pa
Strengthened
Mechanical Load



Advanced Bifacial
Efficiency

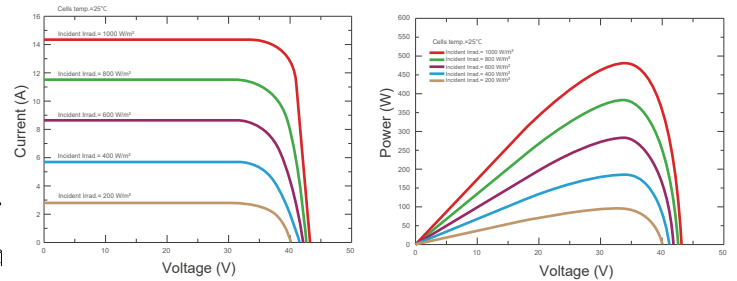


 **SUNKET[®] - Solar**



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

Current-Voltage & Power-Voltage Curves (SKT480M10-120D5)



Electrical Characteristics (STC/NOCT)

Module Type	SKT455M10-120D5		SKT460M10-120D4		SKT465M10-120D4		SKT470M10-120D4		SKT475M10-120D4		SKT480M10-120D4	
Test Conditions	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power- Pmax(W)	455	342	460	346	465	350	470	353	475	357	480	361
Open Circuit Voltage - Voc(V)	41.88	39.78	42.05	39.94	42.22	40.10	42.38	40.25	42.54	40.41	42.71	40.57
Short- Circuit Current - Isc(A)	13.66	10.93	13.74	11.00	13.82	11.07	13.92	11.10	14.00	11.16	14.07	11.23
Voltage at Pmax -Vmp(V)	34.57	32.46	34.73	32.62	34.89	32.78	35.06	32.93	35.22	33.09	35.38	33.28
Current at Pmax - Imp(A)	13.16	10.54	13.25	10.61	13.33	10.68	13.41	10.72	13.49	10.79	13.57	10.85
Module Efficiency -ηm(%)	21.02	/	21.32	/	21.55	/	21.78	/	22.01	/	22.24	/
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

*NOCT : Irradiance 800W/m², Ambient Temperature 20 °C, Air Mass 1.5, Wind Speed 1m/s

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

Mechanical Specifications

External Dimensions	1909×1134×30mm
Weight	25.5kg
Solar Cells	N-Type 16BB 182mm (2×60pcs)
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

Temperature Characteristics

Pmax Temperature Coefficient	-0.290%/°C
Voc Temperature Coefficient	-0.250%/°C
Isc Temperature Coefficient	+0.045%/°C
Operating Temperature Range	-40~+85°C
Nominal Operating Cell Temperature(NOCT)	45±2°C

Bifacial Output Rear Side Power Gain

*Take SKT470M10-120D5 as an example.

Power Gain	5%	15%	25%
Maximum Power- Pmax(W)	493.5	540.5	587.5
Open Circuit Voltage - Voc(V)	42.38	42.38	42.38
Short- Circuit Current - Isc(A)	14.63	16.02	17.41
Voltage at Pmax -Vmp(V)	35.06	35.06	35.06
Current at Pmax - Imp(A)	14.07	15.41	16.75

Packing Configuration

Pallet Dimensions	1940×1140×1254mm		
Ways of Transport	40'HQ 13.5 Metres Flatbed Truck 17.5 Metres Flatbed Truck		
Pieces per Pallet	37Pcs	36Pcs	36Pcs
Pallets per Container	26 Pallets	21 Pallets	31 Pallets
Pieces per Container	962Pcs	756Pcs	1116Pcs