

N TYPE

SCAN CODE TO
WATCH VIDEO

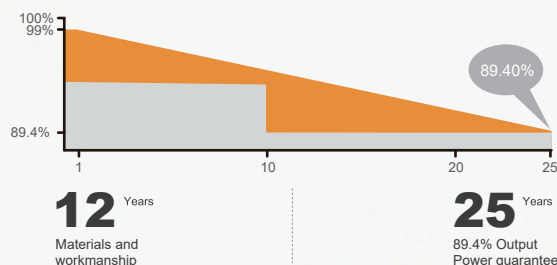


Learn more about the
production of 182mm
Mono PV Solar Module

SKT460~480M10-120S1 460~480 Watt

182mm 16BB 120Cells
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
25years Guarantee



Fire Class A



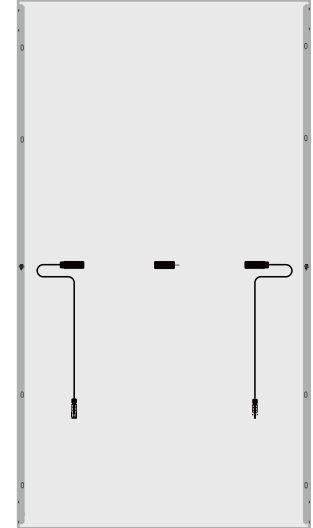
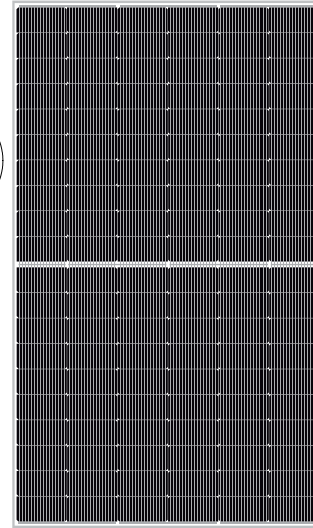
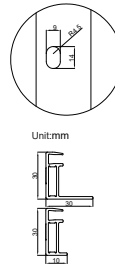
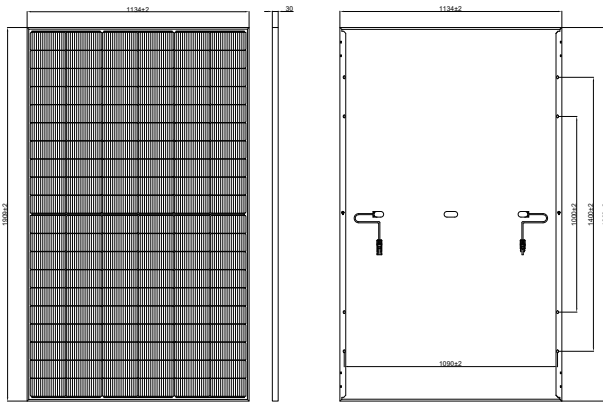
5400Pa
Strengthened
Mechanical Load



Anti PID



 **SUNKET[®] - Solar**



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

Transparent backsheet is available.
 Bifacial Solar PV Modules can be customized.

Electrical Characteristics (STC/NOCT)

Module Type	SKT460M10-120S1		SKT465M10-120S1		SKT470M10-120S1		SKT475M10-120S1		SKT480M10-120S1	
Test Conditions	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power- Pmax(W)	460	346	465	350	470	353	475	357	480	361
Open Circuit Voltage - Voc(V)	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)	13.74	11.00	13.82	11.07	13.92	11.10	14.00	11.16	14.07	11.23
Voltage at Pmax -Vmp(V)	34.73	32.62	34.89	32.78	35.06	32.93	35.22	33.09	35.38	33.28
Current at Pmax - Imp(A)	13.25	10.61	13.33	10.68	13.41	10.72	13.49	10.79	13.57	10.85
Module Efficiency - η m(%)	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)	25A									

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

*NOCT : Irradiance 800W/m², Ambient Temperature 20 °C, Air Mass1.5, Wind Speed 1m/s

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

Mechanical Specifications

External Dimensions	1909×1134×30mm
Weight	24.8kg
Solar Cells	N-Type 16BB 182mm (2×60pcs)
Front Glass	AR Coated 3.2 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	-0.290%/°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

Packing Configuration

Pallet Dimensions	1940×1140×1254mm		
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	24 Pallets	21 Pallets	32 Pallets
Pieces per Container	888 Pcs	756 Pcs	1152 Pcs

Current-Voltage & Power-Voltage Curves (SKT480M10-120S1)

