

N TYPE

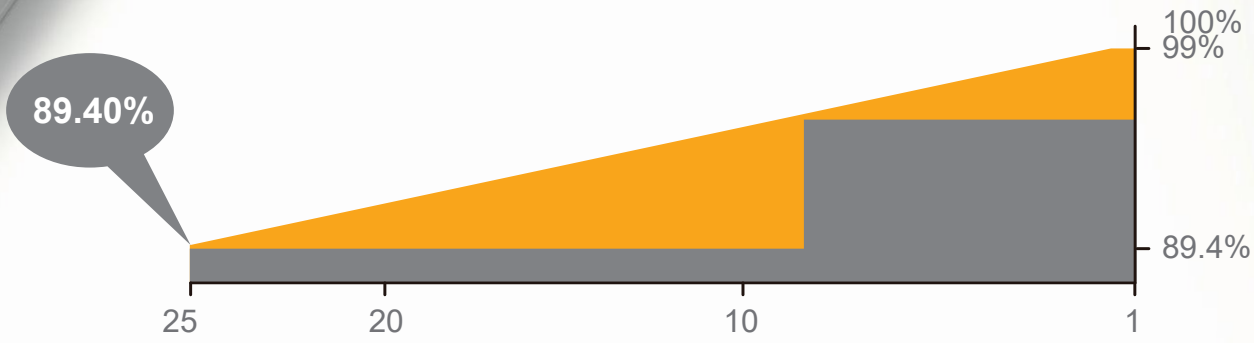
- Fire Class A
- High Energy Performance
- Strengthened Mechanical Load (5400Pa)
- Anti PID
- 100% Inspection 25years Guarantee
- SMBB Technology Half Cut N Type Cell

SKT545~565M12-120D5

545~565 Watt

210x182mm 16BB 120Cells
N Type Mono Half Cell PV Module Series

Sunket N Type Linear Warranty



25 Year
89.4% Output Power guarantee

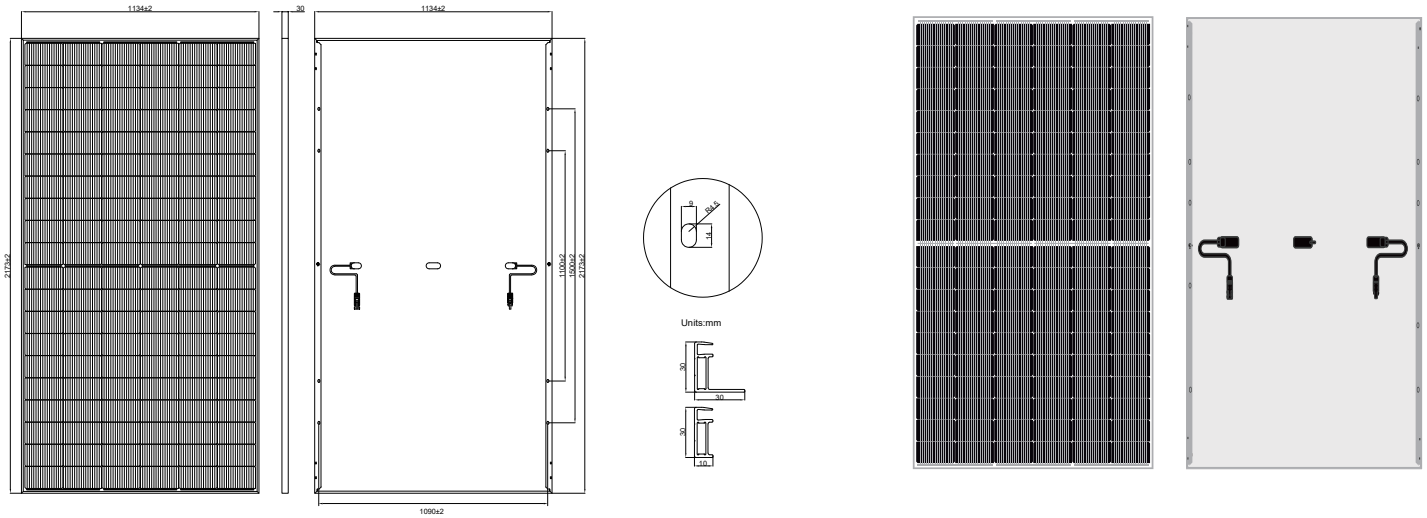
12 Year
Materials and workmanship

SUNKET® - Solar

SKT545~565M12-120D5

210x182mm 16BB 120Cells
N Type Mono Half Cell PV Module Series

SUNKET® - Solar



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

Electrical Characteristics (STC/NMOT)

Module Type	SKT545M12-120D5		SKT550M12-120D5		SKT555M12-120D5		SKT560M12-120D5		SKT565M12-120D5	
Test Conditions	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT
Maximum Power- Pmax(W)	545	411.6	550	415.4	555	419.2	560	422.9	565	426.7
Open Circuit Voltage - Voc(V)	43.91	41.69	44.09	41.86	44.27	42.04	44.45	42.21	44.64	42.38
Short- Circuit Current - Isc(A)	15.82	12.78	15.88	12.83	15.94	12.89	16.02	12.95	16.09	13.01
Voltage at Pmax -Vmp(V)	36.53	34.18	36.66	34.33	36.80	34.47	36.93	34.64	37.05	34.77
Current at Pmax - Imp(A)	14.93	12.04	15.00	12.10	15.07	12.16	15.16	12.21	15.25	12.27
Module Efficiency -ηm(%)	22.14	/	22.32	/	22.50	/	22.73	/	22.93	/
Power Tolerance(W)	（0，+5W）									
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
*NMOT： 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	2173x1134x30mm
Weight	25.9kg
Solar Cells	N-Type 16BB 182x105mm (2x60pcs)
Front Glass	AR Coated 3.2 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

Pallet Dimensions	2203x1140x1254mm		
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	20 Pallets	20 Pallets	30 Pallets
Pieces per Container	740 Pcs	720 Pcs	1080 Pcs

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(NMOT)	45±2°C

Current-Voltage & Power-Voltage Curves (SKT565M12-120D5)

