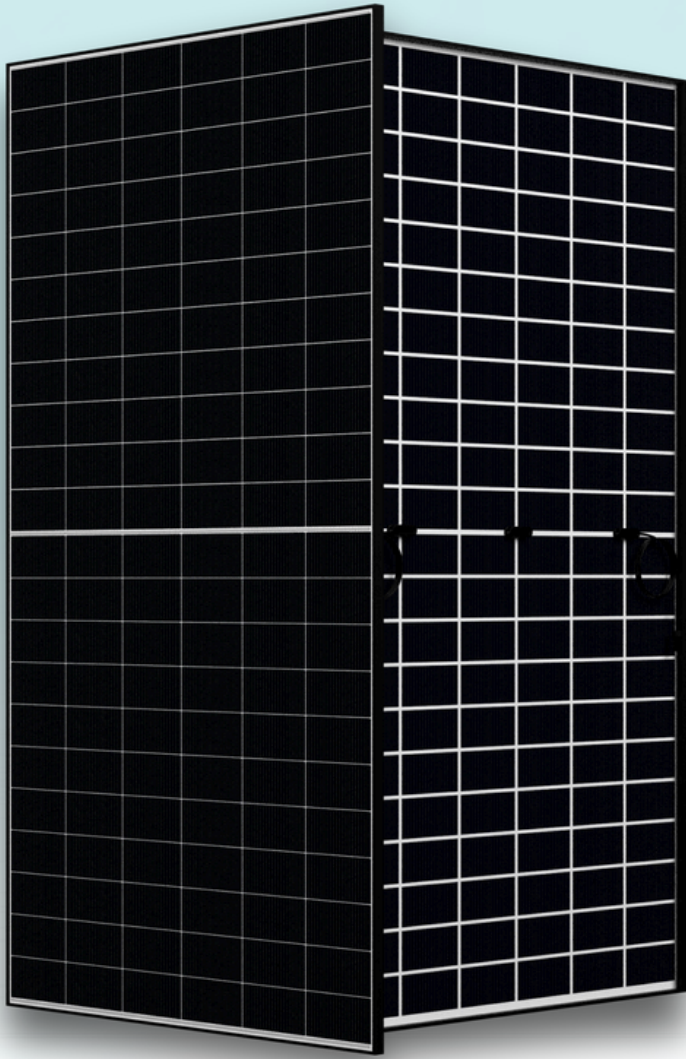




The Title Of Clean Energy

★★★★★
American Brand

N-TYPE TOPCON

SKT600~620M12-132D4

600~620 Watt

210x182mm 16BB 132Cells Double Glass Bifacial
N Type Mono Half Cell PV Module Series

Efficiency 23.00%

Fire Class A



Advanced Bifacial
Efficiency



100% Inspection
30years Guarantee



High Energy
Performance



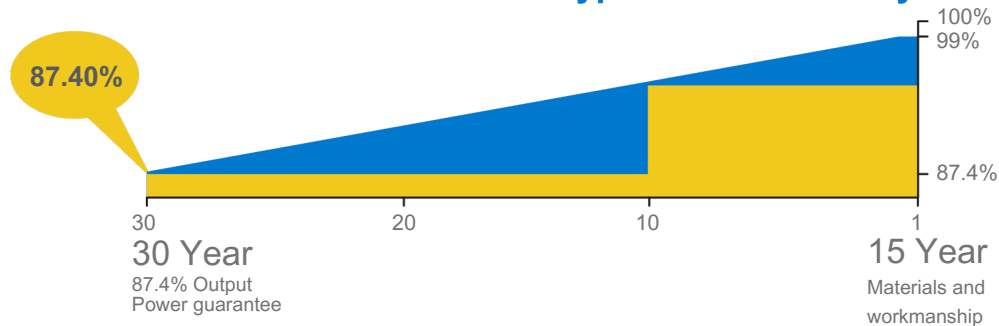
Strengthened
Mechanical Load



SMBB Technology
Half Cut N Type Cell

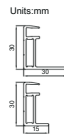
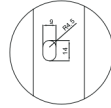
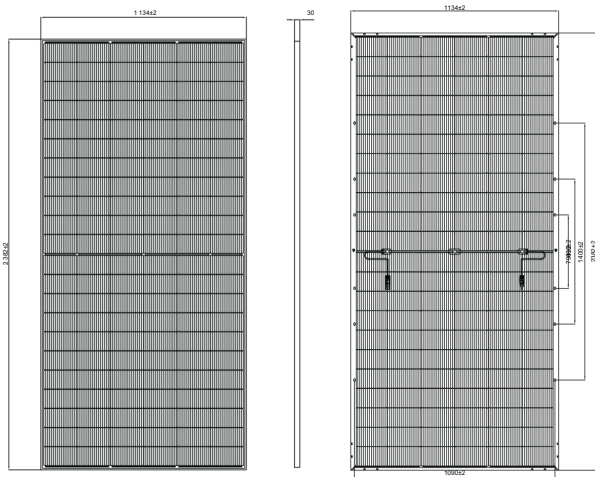


Sun PV N Type Linear Warranty

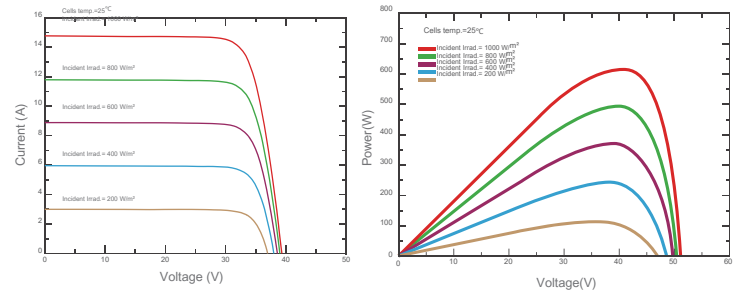


SKT600~620M12-132D4

210x182mm 16BB 132Cells Double Glass Bifacial
N Type Mono Half Cell PV Module Series



Current-Voltage & Power-Voltage Curves (SKT620M12-132D4)



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

Electrical Characteristics (STC/NMOT)

Module Type	SKT600M12-132D4		SKT605M12-132D4		SKT610M12-132D4		SKT615M12-132D4		SKT620M12-132D4	
Test Conditions	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT
Maximum Power- Pmax(W)	600	453.1	605	456.9	610	460.7	615	464.4	620	468.2
Open Circuit Voltage - Voc(V)	48.30	45.86	48.50	46.05	48.70	46.24	48.90	46.43	49.10	46.62
Short- Circuit Current - Isc(A)	15.83	12.79	15.89	12.83	15.95	12.88	16.01	12.93	16.07	12.98
Voltage at Pmax - Vmp(V)	40.18	37.60	40.33	37.76	40.48	37.92	40.62	38.10	40.76	38.25
Current at Pmax - Imp(A)	14.93	12.05	15.00	12.10	15.07	12.15	15.14	12.19	15.22	12.24
Module Efficiency - η_m (%)	22.20	/	22.40	/	22.60	/	22.80	/	23.00	/
Power Tolerance(W)	(0, +5W)									
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

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

*Measurement tolerance: $\pm 3\%$ *Power binning up to: +3%

Mechanical Specifications

External Dimensions	2382x1134x30mm
Weight	32.4kg
Solar Cells	N-Type 16BB 182x105mm (2x66pcs)
Glass	AR Coated 2+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(NMOT)	45 $\pm$ 2°C

Bifacial Output Rear Side Power Gain

*Take SKT620M12-132D4 as an example.

Power Gain	5%	10%	20%
Maximum Power- Pmax(W)	651.0	682.0	744.0
Open Circuit Voltage - Voc(V)	49.10	49.10	49.10
Short- Circuit Current - Isc(A)	16.87	17.67	19.28
Voltage at Pmax - Vmp(V)	40.76	40.76	40.76
Current at Pmax - Imp(A)	15.97	16.73	18.25

Packing Configuration

Pallet Dimensions	1164x1140x2495mm
Container Pieces per	40'HQ
Pallet Pallets per	37
Container Pieces per	20
Container	740

