

ULTRA

N TYPE

N-type multi-cut cell technology
Reduces internal current loss of the module and improves power output

Efficient bifacial power generation
PV Module bifaciality rate: 85%±5

Excellent low-light performance
Higher power generation gain in low-light conditions

Optimized temperature coefficient
Temperature coefficient of -0.26%/℃, ensuring power generation in high-temperature environments

-0.35% linear degradation rate
Enables longer service life

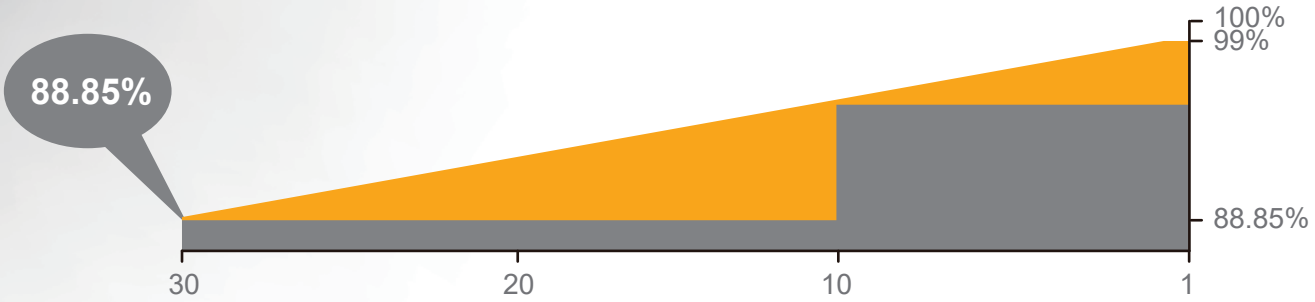
Lower levelized cost of electricity
Reduces the overall balance of system cost

SKT650~670M12-264D4

650~670 Watt

213x182.3mm 16BB 264Cells Double Glass Bifacial
N Type Mono Quad-Cell PV Module Series

Sunket N Type Linear Warranty



30 Year
88.85% Output
Power guarantee

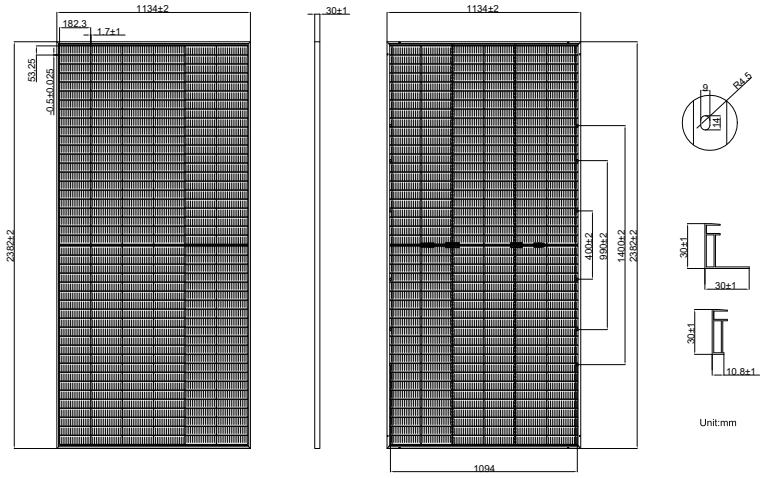
12 Year
Materials and
workmanship

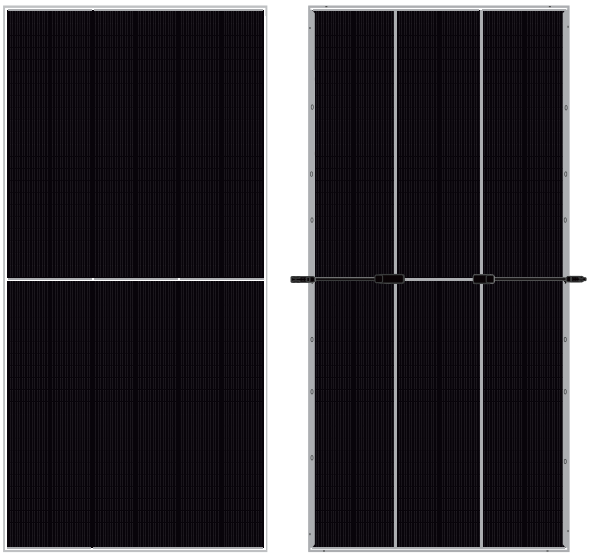
SUNKET - Solar

SKT650~670M12-264D4

213x182.3mm 16BB 264Cells Double Glass Bifacial
N Type Mono Quad-Cell PV Module Series

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

Electrical Characteristics (STC/NMOT)

Module Type	SKT650M12-264D4		SKT655M12-264D4		SKT660M12-264D4		SKT665M12-264D4		SKT670M12-264D4	
Test Conditions	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT
Maximum Power- Pmax(W)	650	490.8	655	494.6	660	498.4	665	502.2	670	505.9
Open Circuit Voltage - Voc(V)	49.37	46.87	49.55	47.03	49.73	47.19	49.91	47.35	50.09	47.51
Short- Circuit Current - Isc(A)	16.25	13.56	16.32	13.62	16.38	13.68	16.45	13.73	16.51	13.79
Voltage at Pmax -Vmp(V)	42.37	39.64	42.50	39.76	42.63	39.88	42.76	40.00	42.89	40.12
Current at Pmax - Imp(A)	15.34	12.38	15.41	12.44	15.48	12.50	15.55	12.55	15.62	12.61
Module Efficiency -ηm(%)	24.06	/	24.25	/	24.43	/	24.62	/	24.80	/
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: ±3%　*Power binning up to: +3%

Mechanical Specifications

External Dimensions	2382x1134x30mm
Weight	32.4kg
Solar Cells	N-Type 16BB 182.3x53.25mm (6x44pcs)
Glass	AR Coated 2+2 mm tempered glass
Frame	Anodized aluminum alloy
Junction Box	IP68
Output Cables	4.0mm², 600mm (+),400mm (-), length can be customized
Connector	MC4 Compatible
Mechanical Load	Front Side Max. 5400Pa, Rear Side Max. 2400Pa

Packing Configuration

Pallet Dimensions	1174×1140×2520mm / 2410×1140×1260mm		
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	25 Pallets
Pieces per Container	740 Pcs	720 Pcs	900 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 (SKT670M12-264D4)

