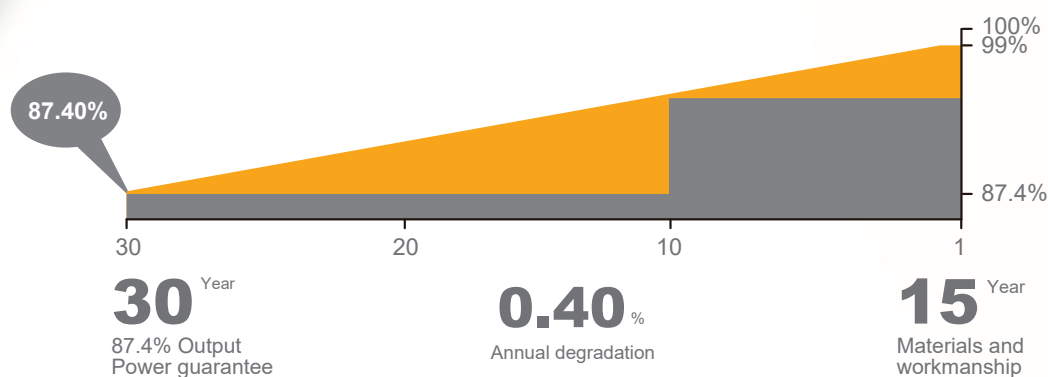




SKT420~430M10-108D5 420~430 Watt

182mm 16BB 108Cells All Black Double Glass Bifacial
N-Type Mono Half Cell PV Module Series

Sunket N-Type Linear Warranty



SMBB Technology
Half Cut N-Type Cell



High Energy
Performance



100% Inspection
30years Guarantee



Fire Class A



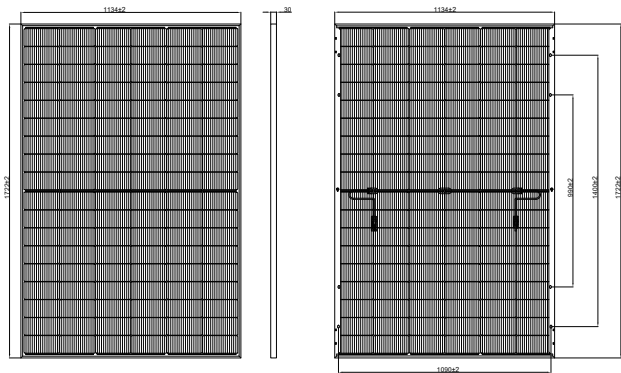
Strengthened
Mechanical Load



Advanced Bifacial
Efficiency

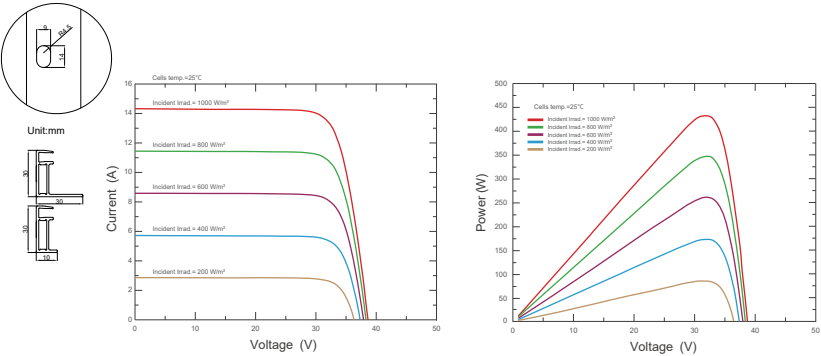


 **SUNKET® - Solar**



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

Current-Voltage & Power-Voltage Curves (SKT430M10-108D5)



Electrical Characteristics (STC/NOCT)

Module Type	SKT420M10-108D5		SKT425M10-108D4		SKT430M10-108D5	
Test Conditions	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power- Pmax(W)	420	321.1	425	325.0	430	328.7
Open Circuit Voltage - Voc(V)	38.46	36.50	38.59	36.60	38.72	36.80
Short- Circuit Current - Isc(A)	13.71	11.13	13.81	11.22	13.91	11.28
Voltage at Pmax -Vmp(V)	31.97	29.90	32.15	30.01	32.34	30.19
Current at Pmax - Imp(A)	13.14	10.74	13.22	10.83	13.30	10.89
Module Efficiency -ηm(%)	21.50	/	21.80	/	22.00	/
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 Mass1.5, Wind Speed 1m/s

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

Mechanical Specifications

External Dimensions	67.80 x 44.65 x 1.18 inch (1722x1134x30mm)
Weight	51.59 lbs (23.4kg)
Solar Cells	N-Type 16BB (7.17inch (182mm)) (2x54pcs)
Glass	(F)2.0mm,Anti-Reflection Coating (B)2.0mm, Heat Strengthened 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

Bifacial Output Rear Side Power Gain

*Take SKT430M10-108D5 as an example.

Power Gain	5%	15%	25%
Maximum Power- Pmax(W)	451.0	494.0	537.0
Open Circuit Voltage - Voc(V)	38.72	38.72	38.72
Short- Circuit Current - Isc(A)	14.65	16.04	17.44
Voltage at Pmax -Vmp(V)	32.34	32.34	32.34
Current at Pmax - Imp(A)	13.95	15.28	16.61

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	1750x1140x1254mm		
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	26 Pallets	24 Pallets	36 Pallets
Pieces per Container	962 Pcs	864 Pcs	1296 Pcs