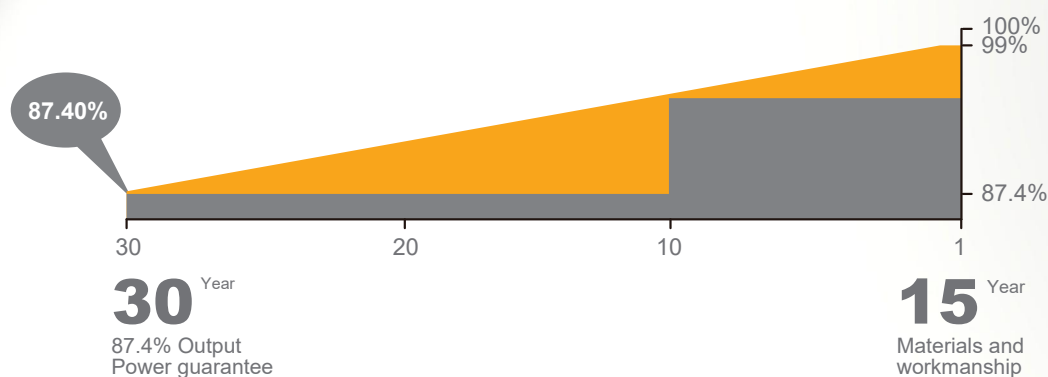




SKT430M10-108D5 430 Watt

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

Sunket Linear Warranty



SMBB Technology
Half Cut Cell



High Energy
Performance



100% Inspection
30years Guarantee



Fire Class A



Strengthened
Mechanical Load

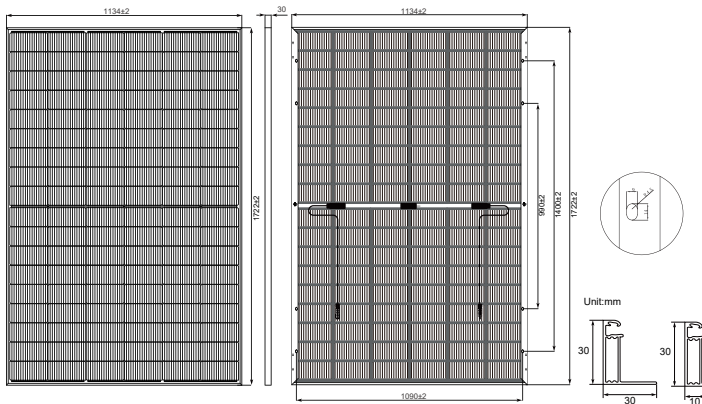


Advanced Bifacial
Efficiency



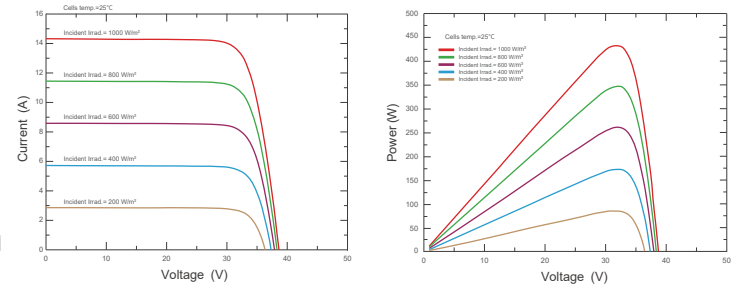
Ariel Green

AmenSolar



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	SKT430M10-108D5	
	STC	NOCT
Maximum Power- Pmax(W)	430	328.7
Open Circuit Voltage - Voc(V)	38.72	36.80
Short- Circuit Current - Isc(A)	13.91	11.28
Voltage at Pmax -Vmp(V)	32.34	30.19
Current at Pmax - Imp(A)	13.30	10.89
Module Efficiency -ηm(%)	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

Mechanical Specifications

External Dimensions	1722x1134x30mm
Weight	21kg
Solar Cells	16BB 182mm (2x54pcs)
Glass	AR Coated 1.6+1.6 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

Bifacial Output Rear Side Power Gain

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	-40~+85°C
Nominal Operating Cell Temperature(NOCT)	45±2°C

Packing Configuration

Pallet Dimensions	1750x1140x1254mm
Container	40'HQ
Pieces per Pallet	37
Pallets per Container	26
Pieces per Container	962

Specifications are subject to change without further notification