

N TYPE

SCAN CODE TO
WATCH VIDEO

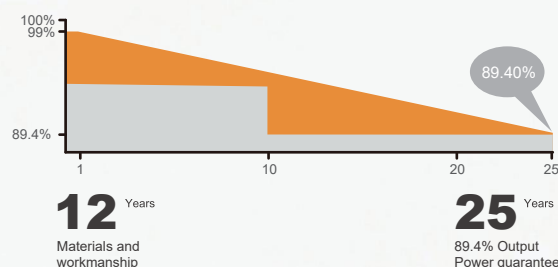


Learn more about the
production of 182mm
Mono PV Module

SKT415~435M10-108S1 415~435 Watt

182mm 16BB 108Cells
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
25years Guarantee



Fire Class A



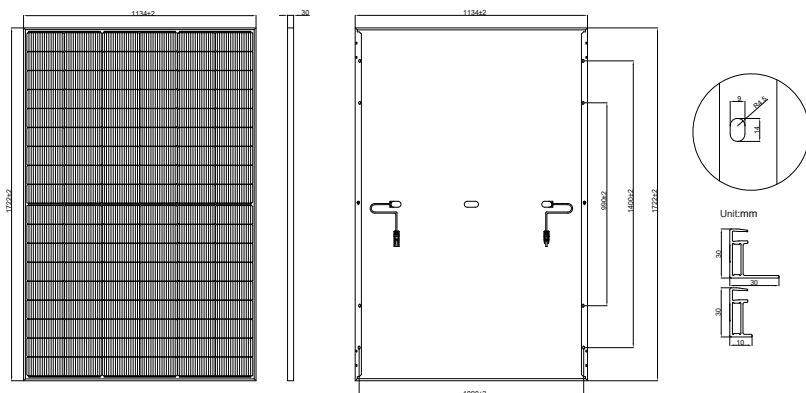
5400Pa
Strengthened
Mechanical Load



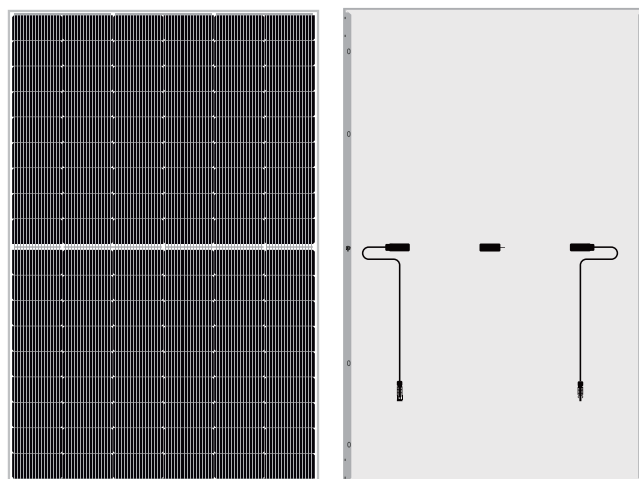
Anti PID



 **SUNKET[®] - Solar**



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



Transparent backsheet is available.
Bifacial Solar PV Modules can be customized.

Electrical Characteristics (STC/NOCT)

Module Type	SKT415M10-108S1		SKT420M10-108S1		SKT425M10-108S1		SKT430M10-108S1		SKT435M10-108S1	
Test Conditions	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power- Pmax(W)	415	315.3	420	319.1	425	322.8	430	326.5	435	330.2
Open Circuit Voltage - Voc(V)	37.92	35.90	38.11	36.10	38.30	36.20	38.49	36.40	38.68	36.50
Short- Circuit Current - Isc(A)	13.75	11.15	13.84	11.21	13.93	11.28	14.01	11.33	14.09	11.42
Voltage at Pmax -Vmp(V)	31.33	29.50	31.52	29.71	31.71	29.89	31.89	30.10	32.08	30.30
Current at Pmax - Imp(A)	13.25	10.69	13.33	10.74	13.41	10.80	13.49	10.85	13.56	10.90
Module Efficiency -ηm(%)	21.30	/	21.50	/	21.80	/	22.00	/	22.27	/
Power Tolerance(W)	(0, +4.99W)									
Maximum System Voltage(V)	1500Vdc (IEC / UL)									
Maximum Series Fuse Rating (A)	25A									

*STC : Irradiance 1000W/m², Cell Temperature 25℃, Air Mass 1.5

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

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

Mechanical Specifications

External Dimensions	1722×1134×30mm
Weight	20.5kg
Solar Cells	N-Type 16BB 182mm (2×54pcs)
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

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	1750×1140×1254mm		
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

Current-Voltage & Power-Voltage Curves (SKT435M10-108S1)

