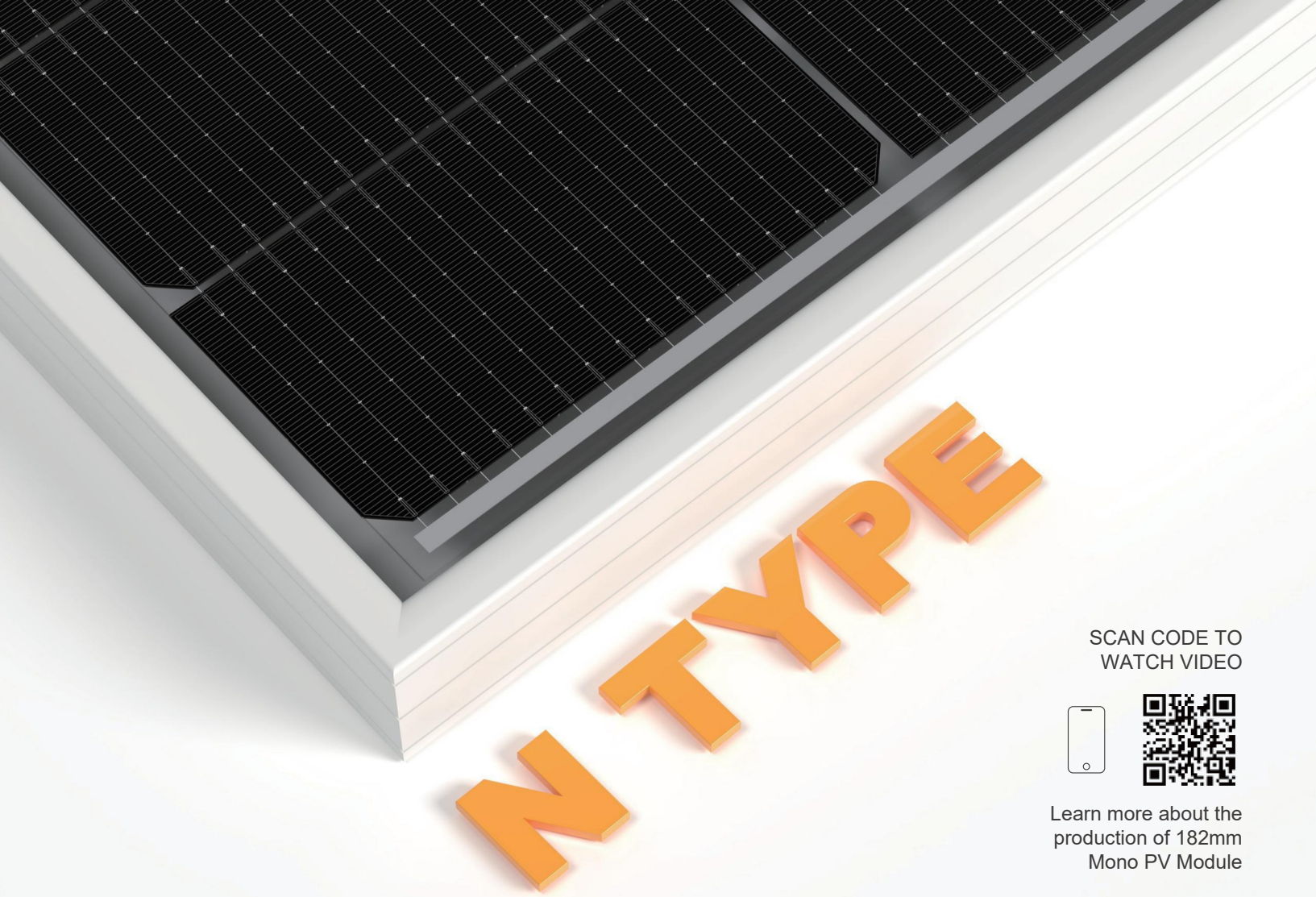


SCAN CODE TO
WATCH VIDEO

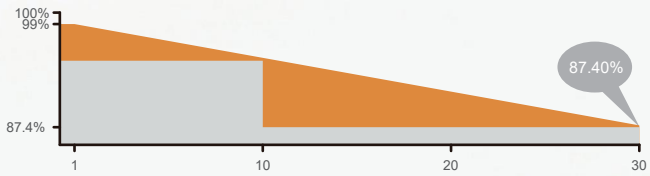
Learn more about the
production of 182mm
Mono PV Module

SKT415~435M10-108D4

415~435 Watt

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

Sunket N Type Linear Warranty



15 Years
Materials and
workmanship

30 Years
87.4% Output
Power guarantee

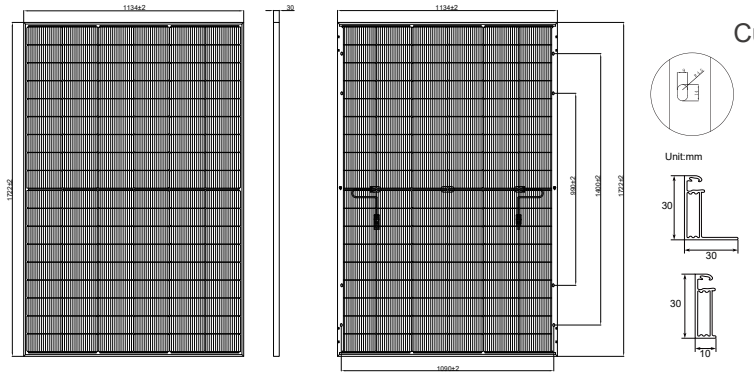
- SMBB Technology
  Half Cut N Type Cell
- High Energy
  Performance
- 100% Inspection
  30years Guarantee
- Fire Class A
- 5400Pa
  Strengthened
  Mechanical Load
- Advanced Bifacial
  Efficiency

SUNKET - Solar

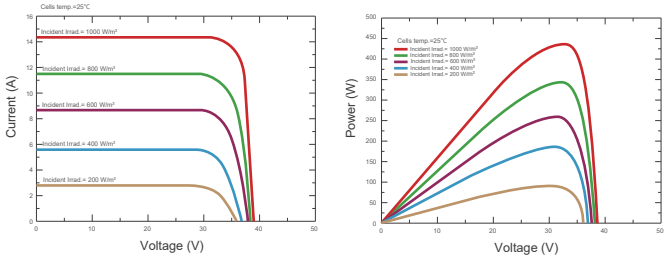
SUNKET-Solar

SKT415~435M10-108D4

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



Current-Voltage & Power-Voltage Curves (SKT435M10-108D4)



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

Electrical Characteristics (STC/NOCT)

Module Type	SKT415M10-108D4		SKT420M10-108D4		SKT425M10-108D4		SKT430M10-108D4		SKT435M10-108D4	
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)	30A									

*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	23.4kg
Solar Cells	N-Type 16BB 182mm (2×54pcs)
Glass	AR Coated 2+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

Bifacial Output Rear Side Power Gain

*Take SKT430M10-108D4 as an example.

Power Gain	10%	15%	20%	25%
Maximum Power- Pmax(W)	473.0	494.5	516.0	537.5
Open Circuit Voltage - Voc(V)	38.49	38.49	38.49	38.49
Short- Circuit Current - Isc(A)	15.45	16.15	16.84	17.54
Voltage at Pmax -Vmp(V)	31.89	31.89	31.89	31.89
Current at Pmax - Imp(A)	14.83	15.51	16.18	16.85

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	22 Pallets	34 Pallets
Pieces per Container	962 Pcs	792 Pcs	1224 Pcs

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