

# N-TYPE

SCAN CODE TO  
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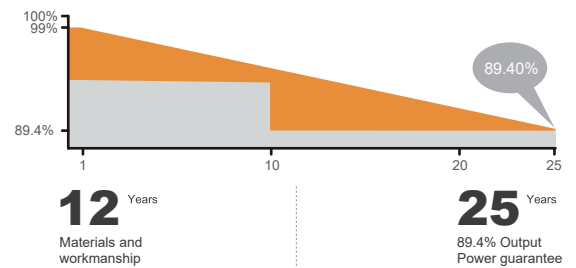


Learn more about the  
production of 182mm  
Mono PV Module

## SKT500M10-132S3 500 Watt

182mm 16BB 132Cells All Black  
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



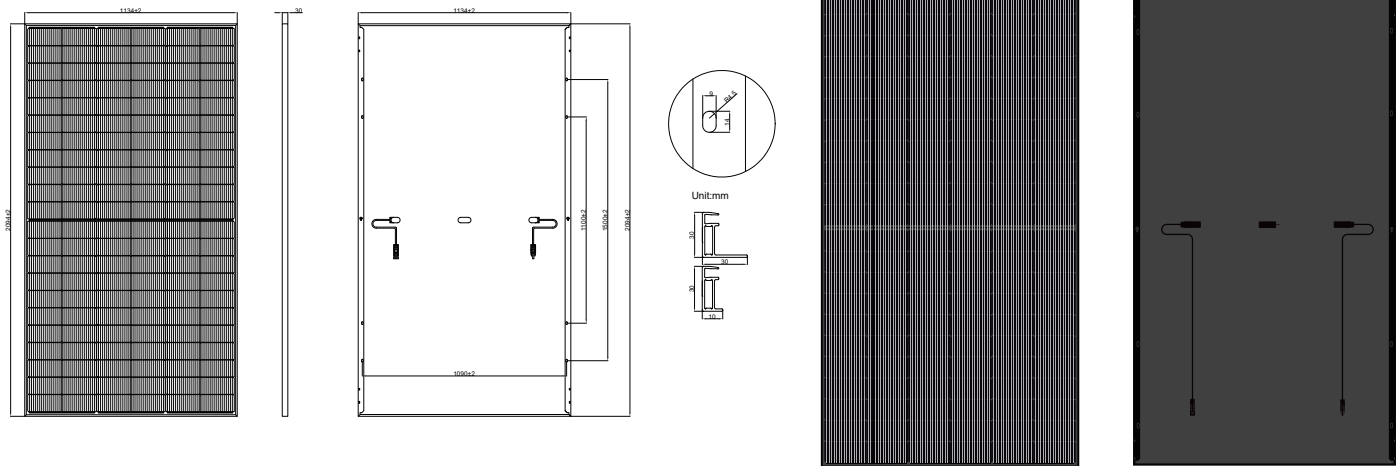
5400Pa  
Strengthened  
Mechanical Load



anti  
PID  
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	SKT500M10-132S3	
Test Conditions	STC	NOCT
Maximum Power- Pmax(W)	500	380
Open Circuit Voltage - Voc(V)	45.93	43.72
Short- Circuit Current - Isc(A)	13.92	11.22
Voltage at Pmax -Vmp(V)	38.04	36.19
Current at Pmax - Imp(A)	13.14	10.50
Module Efficiency -ηm(%)	21.10	/
Power Tolerance(W)	(0, +4.99W)	
Maximum System Voltage(V)	1500Vdc (IEC / UL)	
Maximum Series Fuse Rating (A)	25A	

\*STC : Irradiance 1000W/m<sup>2</sup>, Cell Temperature 25 °C, Air Mass 1.5  
 \*NOCT : Irradiance 800W/m<sup>2</sup>, Ambient Temperature 20 °C, Air Mass 1.5, Wind Speed 1m/s  
 \*Measurement tolerance: ±3% \*Power binning up to: +3%

## Mechanical Specifications

External Dimensions	2094×1134×30mm
Weight	26.5kg
Solar Cells	N-Type 16BB 182mm (2×66pcs)
Front Glass	AR Coated 3.2 mm tempered glass
Frame	Anodized aluminum alloy
Junction Box	IP68
Output Cables	4.0mm <sup>2</sup> , 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	2125×1140×1254mm		
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	22 Pallets	20 Pallets	29 Pallets
Pieces per Container	814 Pcs	720 Pcs	1044 Pcs

## Current-Voltage & Power-Voltage Curves (SKT500M10-132S3)

