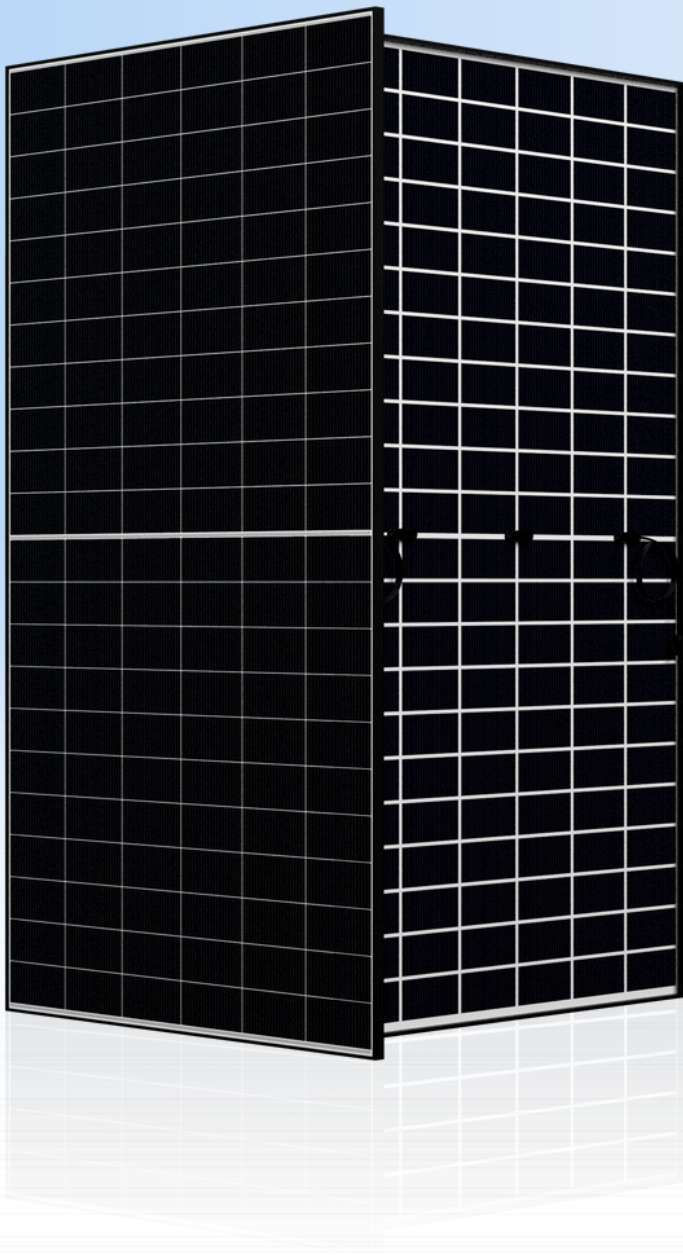




The Title Of Clean Energy

★★★★★  
American Brand



## N-TYPE TOPCON

SKT700~720M12-132D4  
**700~720 Watt**

210mm 132Cells Double Glass Bifacial N Type  
Mono PV Module Series

**Efficiency**  
**23.2%**



SMBB Technology  
Half Cut N Type Cell



High Energy  
Performance



100% Inspection  
30years Guarantee



Fire Class A

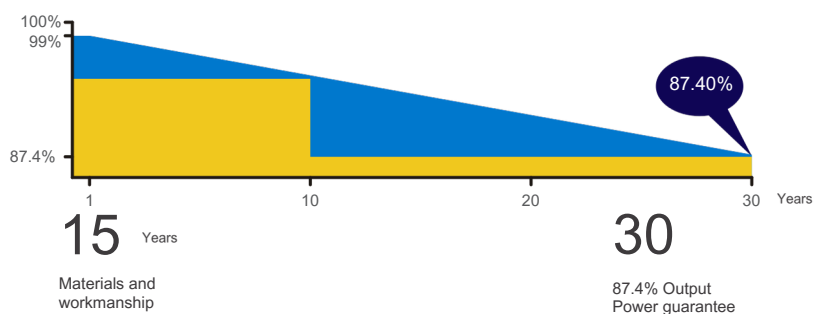


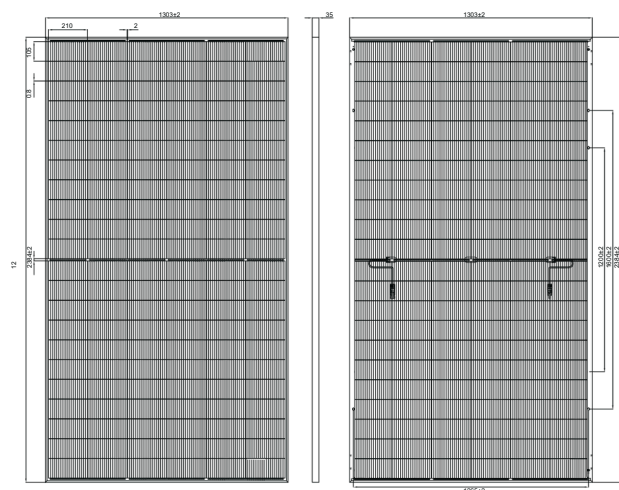
5400Pa  
Strengthened  
Mechanical Load



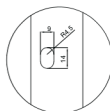
Advanced Bifacial  
Efficiency

### Sun PV N Type Linear Warranty

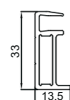
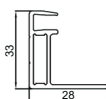




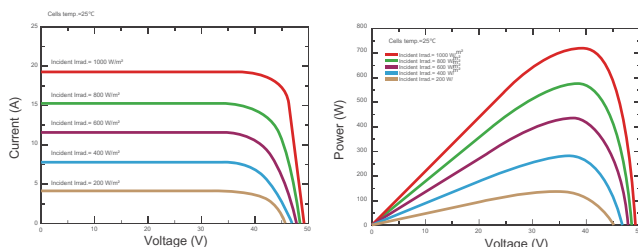
All Dimensions in mm  
The above drawing is a graphical representation of the product.



Unit: mm



## Current-Voltage & Power-Voltage Curves (SKT720M12-132D4)



## Electrical Characteristics (STC/NOCT)

| Module Type                      | SKT700M12-132D4    |       | SKT705M12-132D4 |       | SKT710M12-132D4 |       | SKT715M12-132D4 |       | SKT720M12-132D4 |       |
|----------------------------------|--------------------|-------|-----------------|-------|-----------------|-------|-----------------|-------|-----------------|-------|
| Test Conditions                  | STC                | NOCT  | STC             | NOCT  | STC             | NOCT  | STC             | NOCT  | STC             | NOCT  |
| Maximum Power- Pmax(W)           | 700                | 529   | 705             | 533   | 710             | 537   | 715             | 541   | 720             | 544   |
| Open Circuit Voltage - Voc(V)    | 47.9               | 45.4  | 48.1            | 45.5  | 48.3            | 45.7  | 48.5            | 45.9  | 48.7            | 46.1  |
| Short- Circuit Current - Isc(A)  | 18.49              | 14.91 | 18.54           | 14.95 | 18.59           | 14.99 | 18.64           | 15.03 | 18.69           | 15.07 |
| Voltage at Pmax - Vmp(V)         | 40.0               | 37.8  | 40.2            | 38.0  | 40.4            | 38.2  | 40.6            | 38.4  | 40.8            | 38.6  |
| Current at Pmax - Imp(A)         | 17.51              | 14.00 | 17.55           | 14.03 | 17.59           | 14.06 | 17.63           | 14.09 | 17.67           | 14.12 |
| Module Efficiency - $\eta_m$ (%) | 22.5               | /     | 22.7            | /     | 22.9            | /     | 22.4            | /     | 23.2            | /     |
| Power Tolerance(W)               | (0, +4.99W)        |       |                 |       |                 |       |                 |       |                 |       |
| Maximum System Voltage(V)        | 1500Vdc (IEC / UL) |       |                 |       |                 |       |                 |       |                 |       |
| Maximum Series Fuse Rating (A)   | 35A                |       |                 |       |                 |       |                 |       |                 |       |

\*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:  $\pm 3\%$  \*Power binning up to: +3%

## Mechanical Specifications

|                     |                                                                       |
|---------------------|-----------------------------------------------------------------------|
| External Dimensions | 2384×1303×33mm                                                        |
| Weight              | 37.8kg                                                                |
| Solar Cells         | Mono crystalline 210mm (2x66pcs)                                      |
| Glass               | AR Coated 2+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                         |

## Bifacial Output Rear Side Power Gain

\*Take SKT710M10-132D4 as an example.

|                                 |       |       |       |
|---------------------------------|-------|-------|-------|
| Power Gain                      | 5%    | 10%   | 20%   |
| Maximum Power- Pmax(W)          | 746   | 781   | 852   |
| Open Circuit Voltage - Voc(V)   | 48.3  | 48.3  | 48.3  |
| Short- Circuit Current - Isc(A) | 19.52 | 20.45 | 22.31 |
| Voltage at Pmax - Vmp(V)        | 40.4  | 40.4  | 40.4  |
| Current at Pmax - Imp(A)        | 18.47 | 19.35 | 21.11 |

## 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 $\pm$ 2°C |

## Packing Configuration

|                       |            |                     |                     |
|-----------------------|------------|---------------------|---------------------|
| Pallet                | Dimensions | 1320×1125×2495mm    |                     |
| Ways of Transport     | HQ'40      | 13.5m Flatbed Truck | 17.5m Flatbed Truck |
| Pieces per Pallet     | Pcs 33     | 31 Pcs              | 31 Pcs              |
| Pallets per Container | Pallets 18 | 16 Pallets          | 24 Pallets          |
| Pieces per Container  | Pcs 594    | 496 Pcs             | 744 Pcs             |

