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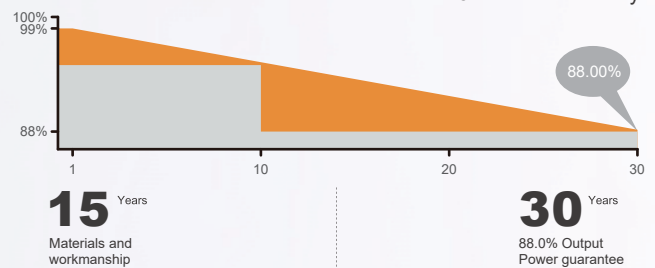


Learn more about the production of 210mm Mono PV Module

# SKT680~700M12-132D5 680~700 Watt

210mm 132Cells Double Glass Bifacial  
HJT Mono Half Cell PV Module Series

Sunket HJT Linear Warranty



SMBB HJT  
Half Cut Cell



Excellent Low-light  
Performance



100% Inspection  
Guarantee Reliability



Anti PID

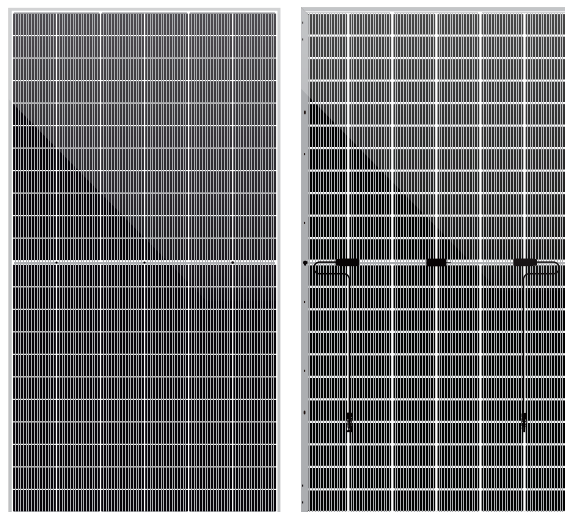
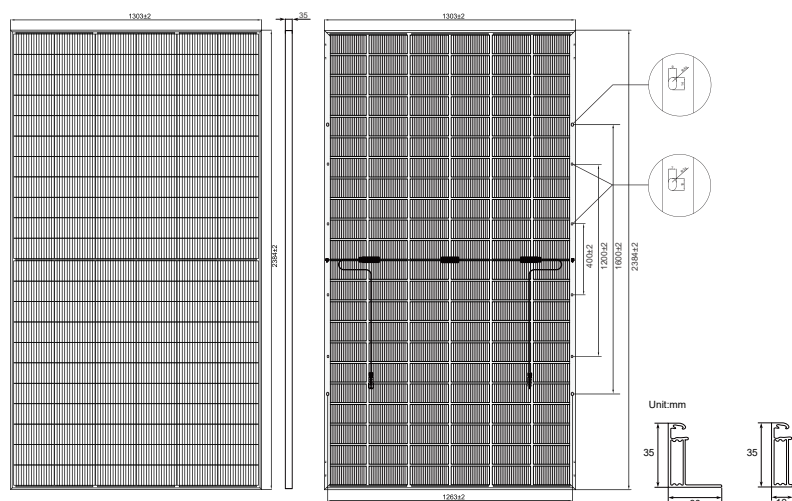


Strengthened  
Mechanical Load



Advanced Bifacial  
Efficiency





All Dimensions in mm  
The above drawing is a graphical representation of the product.  
For engineering quality drawings please contact SUNKET.

### Electrical Characteristics (STC/BSTC)

| Module Type                     | SKT680M12-132D5    |       | SKT685M12-132D5 |       | SKT690M12-132D5 |       | SKT695M12-132D5 |       | SKT700M12-132D5 |       |
|---------------------------------|--------------------|-------|-----------------|-------|-----------------|-------|-----------------|-------|-----------------|-------|
|                                 | STC                | BSTC  | STC             | BSTC  | STC             | BSTC  | STC             | BSTC  | STC             | BSTC  |
| Maximum Power- Pmax(W)          | 680                | 750   | 685             | 756   | 690             | 761   | 695             | 767   | 700             | 772   |
| Open Circuit Voltage - Voc(V)   | 49.50              | 49.50 | 49.66           | 49.66 | 49.82           | 49.82 | 49.98           | 49.98 | 50.13           | 50.13 |
| Short- Circuit Current - Isc(A) | 17.19              | 18.96 | 17.25           | 19.04 | 17.31           | 19.09 | 17.37           | 19.17 | 17.43           | 19.22 |
| Voltage at Pmax -Vmp(V)         | 41.49              | 41.49 | 41.65           | 41.65 | 41.80           | 41.80 | 41.95           | 41.95 | 42.10           | 42.10 |
| Current at Pmax - Imp(A)        | 16.39              | 18.08 | 16.45           | 18.16 | 16.51           | 18.21 | 16.57           | 18.29 | 16.63           | 18.34 |
| Module Efficiency -ηm(%)        | 21.9               | /     | 22.1            | /     | 22.2            | /     | 22.4            | /     | 22.5            | /     |
| 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

BSTC : Front side irradiation 1000W/m<sup>2</sup>, back side reflection irradiation 135W/m<sup>2</sup>, AM=1.5, Ambient Temperature 25°C.

### Mechanical Specifications

|                     |   |
|---------------------|---|
| External Dimensions | 2384x1303x35mm  |
| Weight              | 38.7kg  |
| Solar Cells         | HJT Mono crystalline 210mm(2x66pcs)                                   |
| Front 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                         |

### Packing Configuration

|                       |                |
|-----------------------|----------------|
|                       | 2384x1303x35mm |
| Container             | 40'HQ          |
| Pieces per Pallet     | 31             |
| Pallets per Container | 18             |
| Pieces per Container  | 558            |

### Temperature Characteristics

|  |            |
|--|------------|
| Pmax Temperature Coefficient             | -0.260%/°C |
| Voc Temperature Coefficient              | -0.240%/°C |
| Isc Temperature Coefficient              | +0.040%/°C |
| Operating Temperature                    | -40~+85°C  |
| Nominal Operating Cell Temperature(NOCT) | 44±2°C     |

### Current-Voltage & Power-Voltage Curves (SKT700M12-132D5)

