



Anti PID



Excellent Low-light Performance



Strengthened Mechanical Load



Advanced Bifacial Efficiency



100% Inspection Guarantee Reliability



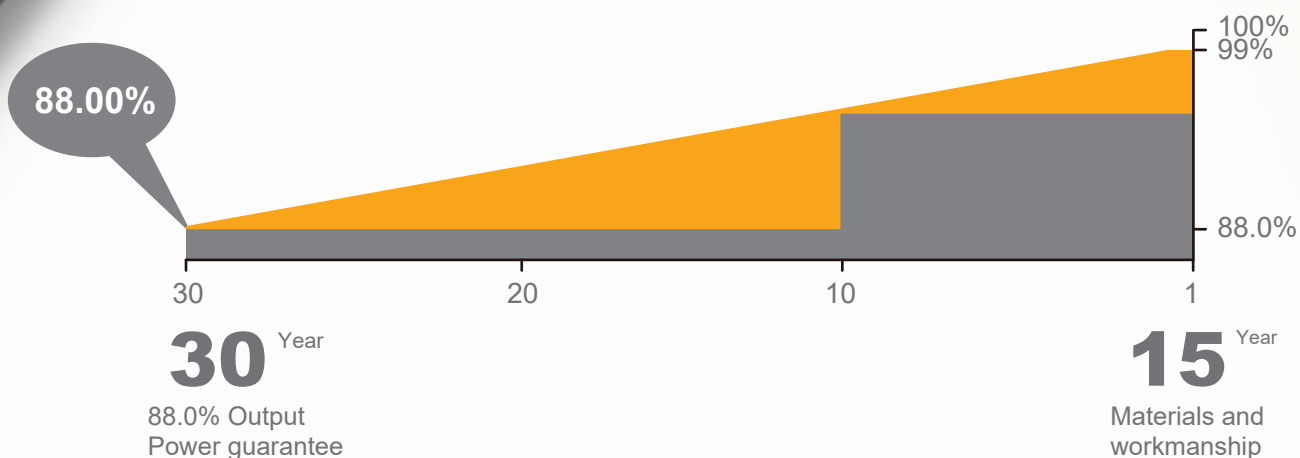
SMBB-HJT Half Cut



# SKT500~515M12-108D4 500~515 Watt

210x182mm 18BB 108Cells All Black Double Glass Bifacial  
HJT Mono Half Cell PV Module Series

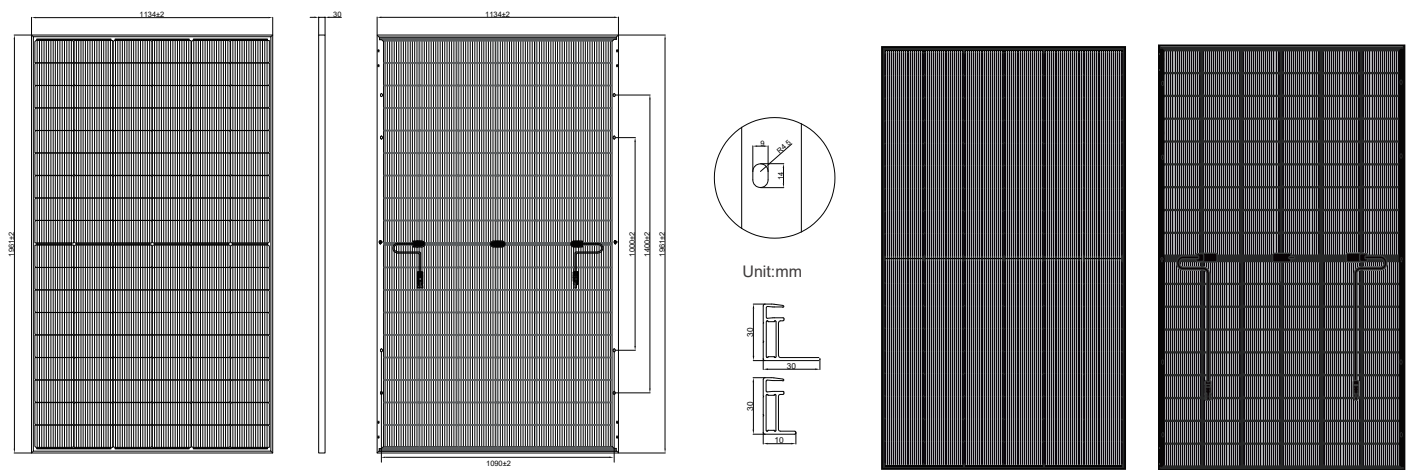
## Sunket linear Warranty



 **SUNKET® - Solar**

# SKT500~515M12-108D4

210x182mm 18BB 108Cells All Black Double Glass Bifacial  
HJT Mono Half Cell PV Module Series



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

## Electrical Characteristics (STC/BSTC)

| Module Type                     | SKT500M12-108D4    |       | SKT505M12-108D4 |       | SKT510M12-108D4 |       | SKT515M12-108D4 |       |
|---------------------------------|--------------------|-------|-----------------|-------|-----------------|-------|-----------------|-------|
| Test Conditions                 | STC                | BSTC  | STC             | BSTC  | STC             | BSTC  | STC             | BSTC  |
| Maximum Power- Pmax(W)          | 500                | 560   | 505             | 565   | 510             | 570   | 515             | 575   |
| Open Circuit Voltage - Voc(V)   | 41.67              | 41.67 | 41.82           | 41.82 | 41.97           | 41.97 | 42.12           | 42.12 |
| Short- Circuit Current - Isc(A) | 15.42              | 17.19 | 15.47           | 17.25 | 15.52           | 17.30 | 15.57           | 17.36 |
| Voltage at Pmax -Vmp(V)         | 34.36              | 34.36 | 34.49           | 34.49 | 34.61           | 34.61 | 34.74           | 34.74 |
| Current at Pmax - Imp(A)        | 14.56              | 16.30 | 14.65           | 16.39 | 14.74           | 16.47 | 14.83           | 16.56 |
| Module Efficiency - $\eta$ m(%) | 22.50              | /     | 22.72           | /     | 22.95           | /     | 23.17           | /     |
| Power Tolerance(W)              | (0, +4.99W)        |       |                 |       |                 |       |                 |       |
| Maximum System Voltage(V)       | 1500Vdc (IEC / UL) |       |                 |       |                 |       |                 |       |
| Maximum Series Fuse Rating (A)  | 30A                |       |                 |       |                 |       |                 |       |

\*STC : Irradiance 1000W/m<sup>2</sup>, Cell Temperature 25℃, Air Mass 1.5  
\*BSTC : Front side irradiance 1000W/m<sup>2</sup>, back side reflection irradiation 135W/m<sup>2</sup>, AM=1.5, Ambient Temperature 25℃.  
\*Measurement tolerance: ±3%    \*Power binning up to: +3%

## Mechanical Specifications

|                     |                                                                       |
|---------------------|-----------------------------------------------------------------------|
| External Dimensions | 1961x1134x30mm                                                        |
| Weight              | 23.9kg                                                                |
| Solar Cells         | HJT 182×105mm (2x54pcs)                                               |
| Glass               | AR Coated 1.6+1.6mm 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

|                       |                  |                     |                     |
|-----------------------|------------------|---------------------|---------------------|
| Pallet Dimensions     | 1980×1140×1254mm |                     |                     |
| 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 | 24 Pallets       | 22 Pallets          | 33 Pallets          |
| Pieces per Container  | 888 Pcs          | 792 Pcs             | 1188 Pcs            |

## Temperature Characteristics

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

## Current-Voltage & Power-Voltage Curves (SKT515M12-108D4)

