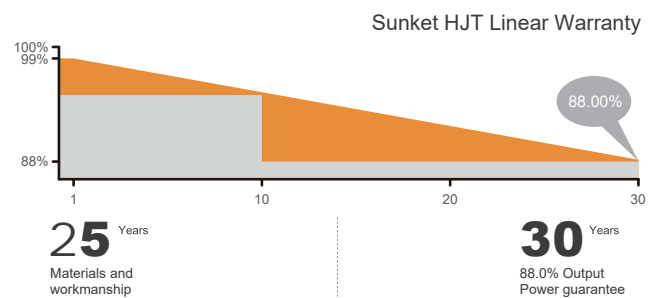




SKT430~440M10-108D3


430~440 Watt

182mm 108Cells All Black Double Glass Bifacial HJT Mono Half Cell PV Module Series





 **HJT** SMBB HJT Half Cut Cell

 Excellent Low-light Performance

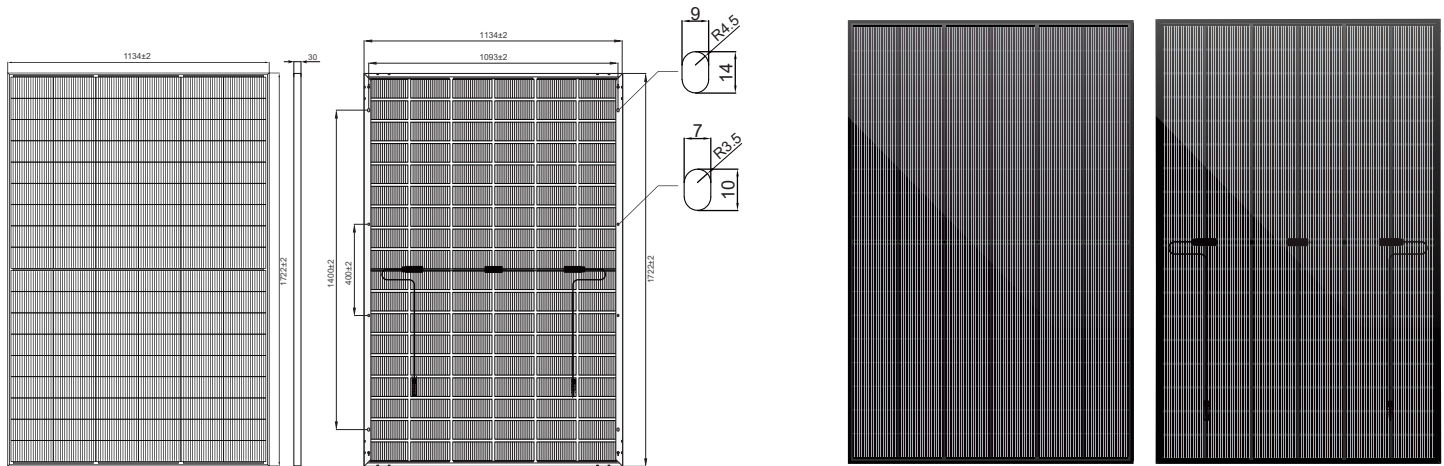
 100% Inspection Guarantee Reliability

 **anti PID** Anti PID

 5400Pa 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 | SKT430M10-108D3 | | SKT435M10-108D3 | | SKT440M10-108D3 | |
|---------------------------------|-----------------|-------|--------------------|-------|-----------------|-------|
| | STC | BSTC | STC | BSTC | STC | BSTC |
| Maximum Power- Pmax(W) | 430 | 480 | 435 | 485 | 440 | 490 |
| Open Circuit Voltage - Voc(V) | 41.37 | 41.37 | 41.64 | 41.64 | 41.91 | 41.91 |
| Short- Circuit Current - Isc(A) | 12.95 | 14.46 | 13.00 | 14.49 | 13.05 | 14.53 |
| Voltage at Pmax -Vmp(V) | 34.60 | 34.60 | 34.86 | 34.86 | 35.12 | 35.12 |
| Current at Pmax - Imp(A) | 12.43 | 13.88 | 12.48 | 13.92 | 12.53 | 13.96 |
| Module Efficiency -ηm(%) | 22.02 | / | 22.28 | / | 22.53 | / |
| Power Tolerance(W) | | | (0, +4.99W) | | | |
| Maximum System Voltage(V) | | | 1500Vdc (IEC / UL) | | | |
| Maximum Series Fuse Rating (A) | | | 25A | | | |

STC : Irradiance 1000W/m², Cell Temperature 25°C, Air Mass 1.5

BSTC : Front side irradiation 1000W/m², back side reflection irradiation 135W/m², AM=1.5, Ambient Temperature 25°C.

Mechanical Specifications

| | |
|---------------------|-----------------------------------------------------------------------|
| External Dimensions | 1722x1134x30mm |
| Weight | 22kg |
| Solar Cells | HJT Mono crystalline 182mm (2x54pcs) |
| Front Glass | AR Coated 1.6+1.6 mm tempered glass |
| Frame | Anodized aluminum alloy |
| Junction Box | IP68 |
| Output Cables | 4.0mm ² , 1200mm (+), 1200mm (-), length can be customized |
| Connector | MC4 Compatible |
| Mechanical Load | Front Side Max. 5400Pa, Rear Side Max. 2400Pa |

Temperature Characteristics

| | |
|------------------------------------------|------------|
| Pmax Temperature Coefficient | -0.260%/°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 |

Packing Configuration

| | |
|-----------------------|-------|
| 1722x1134x30mm | |
| Container | 40'HQ |
| Pieces per Pallet | 36 |
| Pallets per Container | 26 |
| Pieces per Container | 936 |

Current-Voltage & Power-Voltage Curves (SKT440M10-108D3)

