

160 Watt

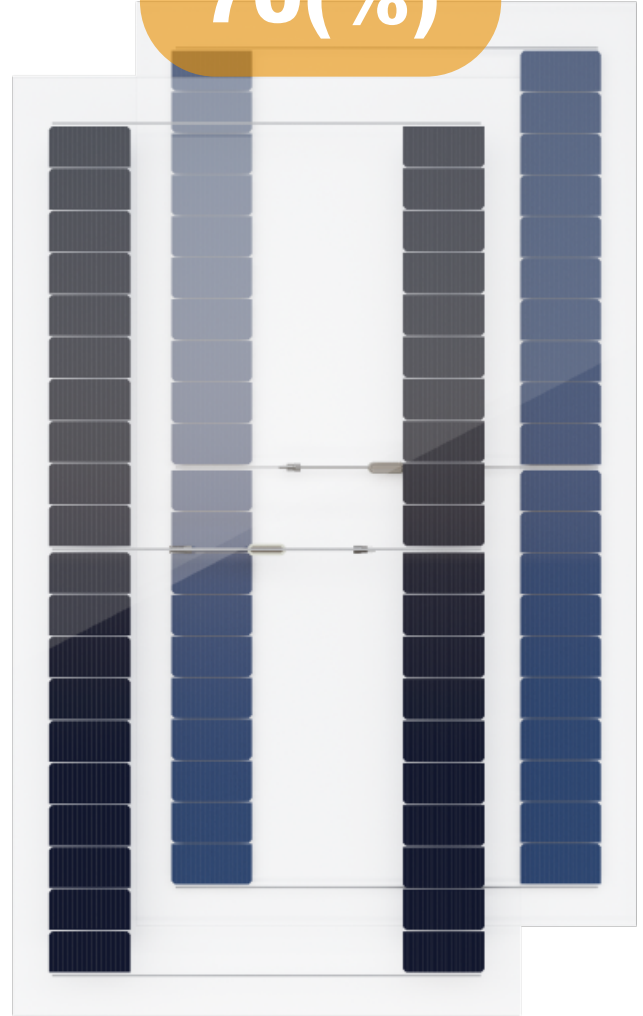
SKT160M10-40D5

182mm 40Cells Double Glass Bifacial Frameless
AGRI Mono Half Cell PV Module Series



Can be Framed

TRANSMITTANCE
70(%)

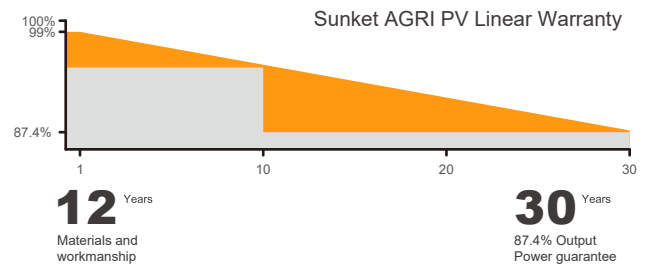


AGRI-PV



SCAN CODE TO
WATCH VIDEO

Learn more about production
of TOPCon mono PV solar module



SMBB Technology
Half Cut Topcon Cell



High Energy
Performance



100% Inspection
30years Guarantee



Fire Class A

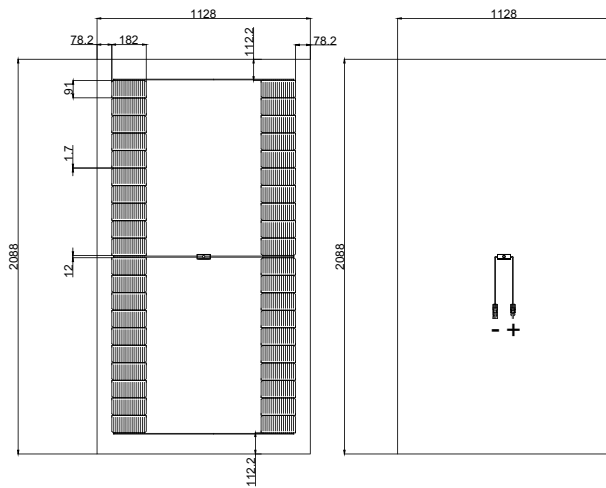


5400Pa
Strengthened
Mechanical Load



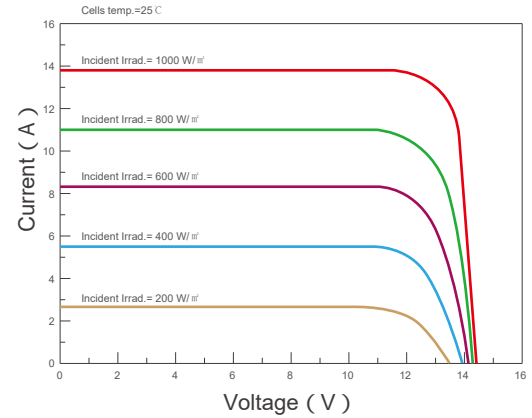
Advanced Bifacial
Efficiency





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

Current-Voltage & Power-Voltage Curves (SKT160M10-40D5)



Electrical Characteristics (STC)

| | |
|---------------------------------|-------------------|
| Module Type | SKT160M10-40D5 |
| | STC |
| Maximum Power- Pmax(W) | 160 |
| Open Circuit Voltage - Voc(V) | 14.06 |
| Short- Circuit Current - Isc(A) | 13.77 |
| Voltage at Pmax -Vmp(V) | 12.3 |
| Current at Pmax - Imp(A) | 13.01 |
| Module Efficiency -ηm(%) | 6.7 |
| Power Tolerance(W) | (0, +4.99W) |
| Maximum System Voltage(V) | 700Vdc (IEC / UL) |
| Maximum Series Fuse Rating (A) | 25A |

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

Mechanical Specifications

| | |
|---------------------|---|
| External Dimensions | 2088*1128*5mm |
| Weight | 27kg |
| Solar Cells | Mono crystalline 182mm (2x20pcs) |
| Front Glass | 2+2 mm tempered glass |
| Frame | Aluminum |
| Junction Box | IP67 |
| Output Cables | 4.0mm ² , 120cm (+), 120cm (-), length can be customized |
| Connector | MC4 Compatible |
| Mechanical Load | Front Side Max. 5400Pa, Rear Side Max. 2400Pa |

Packing Configuration

| | | |
|-----------------------|---------------|-------|
| | 2088*1128*5mm | |
| Container | 20'GP | 40'HQ |
| Pieces per Pallet | 34 | 34 |
| Pallets per Container | 8 | 18 |
| Pieces per Container | 272 | 612 |

Temperature Characteristics

| | |
|--|-------------|
| Pmax Temperature Coefficient | -0.290%/°C |
| Voc Temperature Coefficient | -0.250%/°C |
| Isc Temperature Coefficient | +0.045%/°C |
| Operating Temperature | -40 ~ +85°C |
| Nominal Operating Cell Temperature(NOCT) | 45±2°C |