

160 Watt

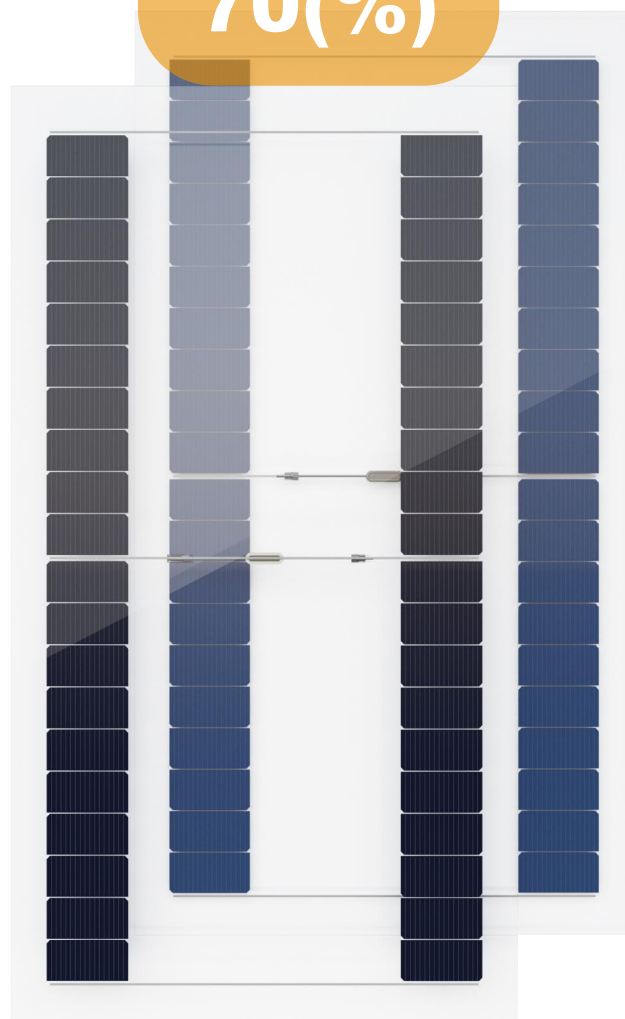
SKT160M10-40D5

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



Can be Framed

TRANSMITTANCE
70(%)

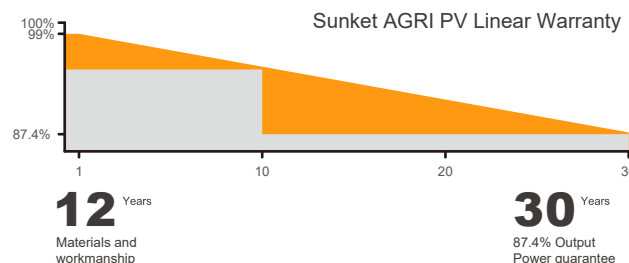


AGRI-PV



SCAN CODE TO
WATCH VIDEO

Learn more about production
of N Type mono PV solar module



SMBB Technology
Half Cut N Type Cell



High Energy
Performance



100% Inspection
30years Guarantee



Fire Class A



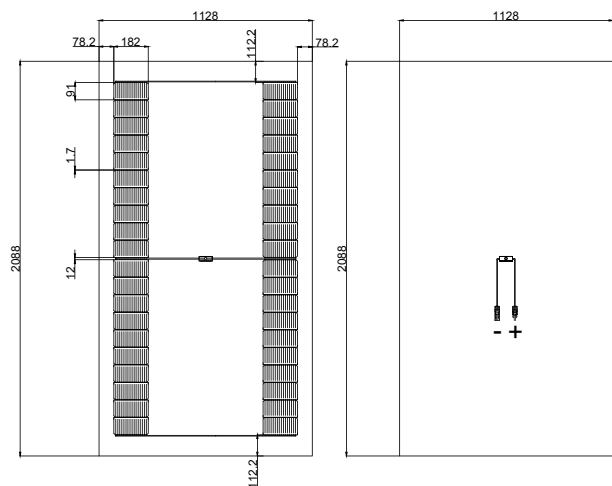
5400Pa
Strengthened
Mechanical Load



Advanced Bifacial
Efficiency

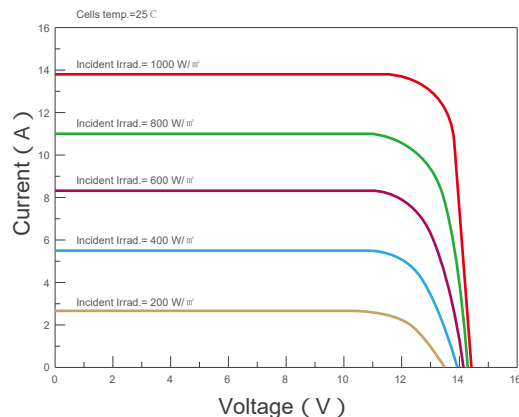


 **SUNKET[®] - BIPV**



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

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



Electrical Characteristics (STC)

Module Type	SKT160M10-40D5
Test Conditions	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 - η m(%)	6.7
Power Tolerance(W)	(0, +4.99W)
Maximum System Voltage(V)	1000Vdc (IEC / UL)
Maximum Series Fuse Rating (A)	25A

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

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

Mechanical Specifications

External Dimensions	2088*1128*5mm
Weight	27kg
Solar Cells	N-Type 16BB 182mm (2x20pcs)
Glass	2+2 mm tempered glass
Frame	Can be Framed
Junction Box	IP67
Output Cables	4.0mm², 120cm (+), 120cm (-), length can be customized
Connector	MC4 Compatible
Mechanical Load	Front Side Max. 5400Pa, Rear Side Max. 2400Pa

Packing Configuration

Wooden box Dimensions	2210*1130*1270mm
Container	40'HQ
Pieces per Pallet	32
Pallets per Container	20
Pieces per Container	640

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