SCAN CODE TO
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Learn more about the
production of 182mm
Mono PV Solar Module

RAL8004

SKT345~365M10

345~365 Watt

182mm 108Cells PV Module
Orange-colored Topcon Mono Half Cell PV-Module Series

Orange-colored
glass and frame

Suitable for
red/orange roof buildings

PV facade with
innovative compositions

PERC
MBB PERC
Half Cut Cell

anti PID
Anti PID

Excellent Low-light
Performance

100% TEST MES
100% Inspection
Guarantee Reliability

5400Pa
Strengthened
Mechanical Load

Sunket TOPCon Linear Warranty

100%
99%

89.4%

89.40%

1   10   20   25

12 Years
Materials and
workmanship

25 Years
89.4% Output
Power guarantee

TÜV NORD — Type Tested

CE

CQC — SOLAR PRODUCT CERTIFICATION / CHINA QUALITY CERTIFICATION CENTER

INMETRO
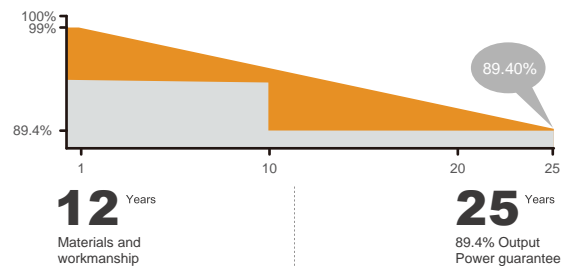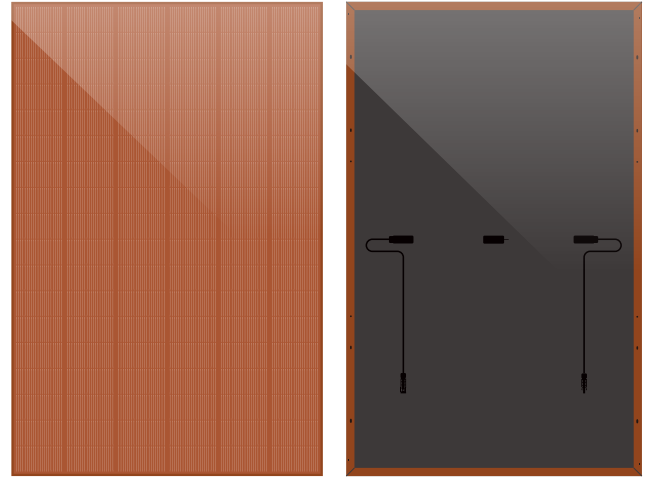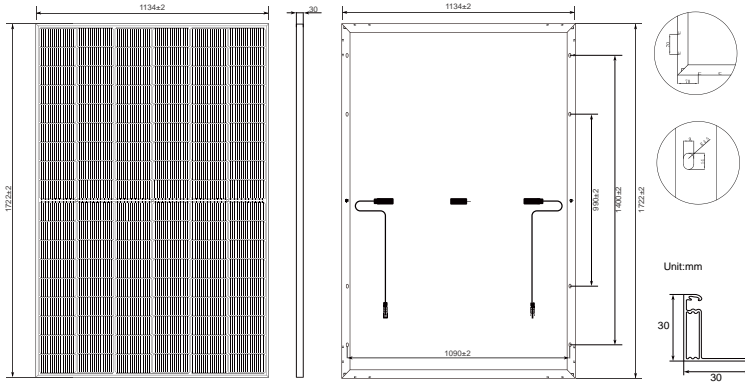
SUNKET ®

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

Transparent backsheet is available.
Bifacial Solar PV Modules can be customized.

Electrical Characteristics (STC)

Module Type	SKT345M10	SKT350M10	SKT355M10	SKT360M10	SKT365M10
	STC	STC	STC	STC	STC
Maximum Power- Pmax(W)	345	350	355	360	365
Open Circuit Voltage - Voc(V)	38.22	38.45	38.68	38.91	39.15
Short- Circuit Current - Isc(A)	11.31	11.40	11.49	11.58	11.67
Voltage at Pmax -Vmp(V)	32.97	33.18	33.37	33.58	33.77
Current at Pmax - Imp(A)	10.47	10.55	10.64	10.73	10.81
Module Efficiency -ηm(%)	17.7	17.9	18.2	18.4	18.7
Power Tolerance(W)	（0，+4.99W）				
Maximum System Voltage(V)	1500Vdc (IEC / UL)				
Maximum Series Fuse Rating (A)	25A				

STC ： Irradiance 1000W/m^2, Cell Temperature 25℃, Air Mass 1.5

Mechanical Specifications

External Dimensions	1722x1134x30mm
Weight	20.5kg
Solar Cells	Mono crystalline 182mm (2x54pcs)
Front Glass	AR Coated 3.2 mm tempered glass
Frame	Anodized aluminum alloy
Junction Box	IP68
Output Cables	4.0mm², 50cm (+), 50cm (-), length can be customized
Connector	MC4 Compatible
Mechanical Load	Front Side Max. 5400Pa, Rear Side Max. 2400Pa

Packing Configuration

	1722x1134x30mm	
Container	20'GP	40'HQ
Pieces per Pallet	36	36
Pallets per Container	6	26
Pieces per Container	216	936

Temperature Characteristics

Pmax Temperature Coefficient	-0.350%/℃
Voc Temperature Coefficient	-0.275%/℃
Isc Temperature Coefficient	+0.045%/℃
Operating Temperature	-40～+85℃
Nominal Operating Cell Temperature(NOCT)	45±2℃

Current-Voltage & Power-Voltage Curves (SKT365M10)