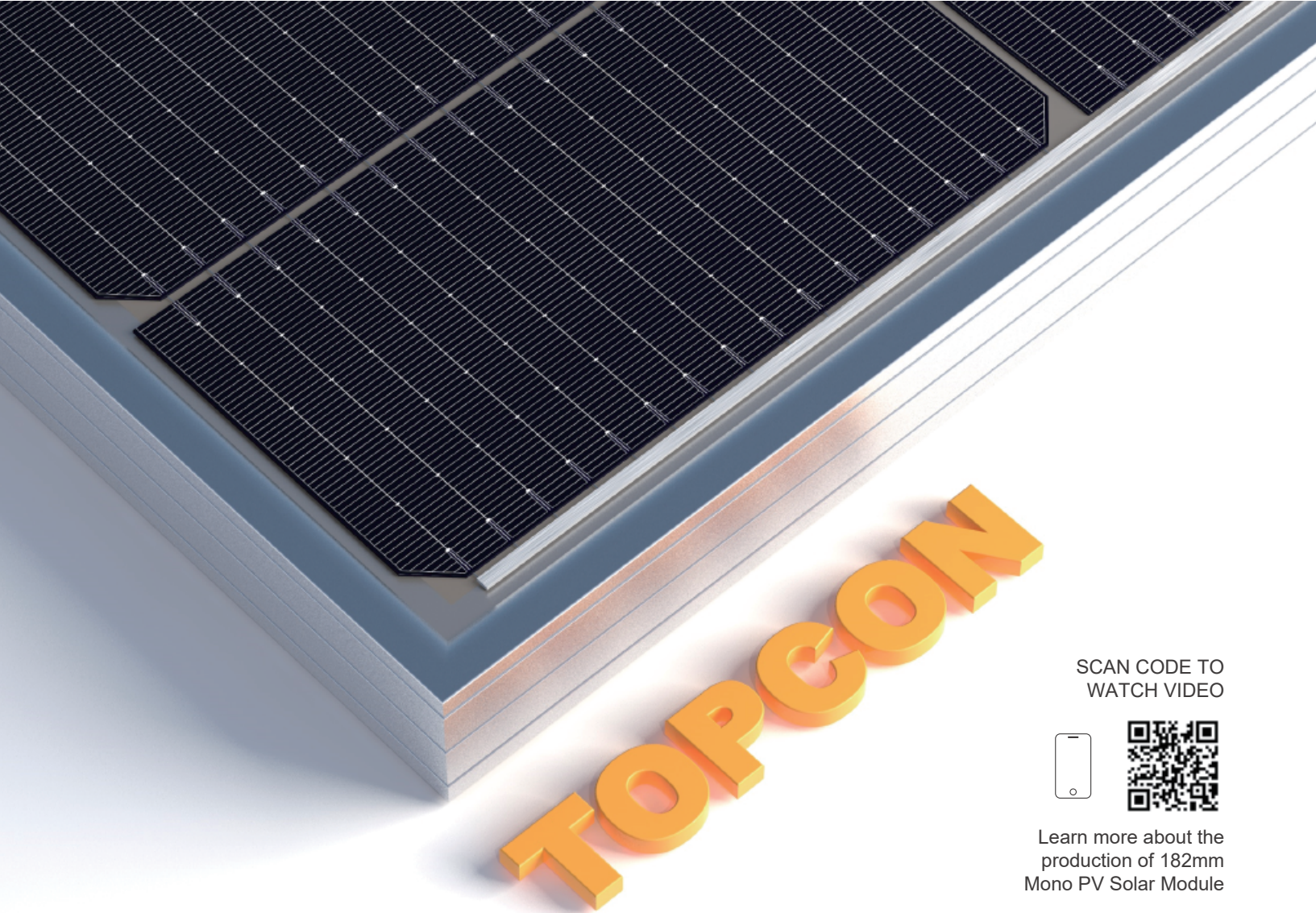




SCAN CODE TO
WATCH VIDEO

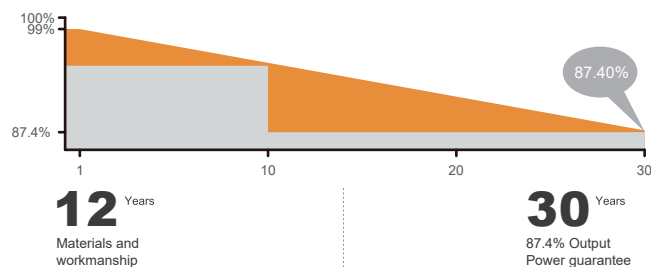


Learn more about the
production of 182mm
Mono PV Solar Module

SKT510~530M10-132D4 510~530 Watt

182mm 16BB 132Cells Double Glass Bifacial
Mono Half Cell PV-Module Series

Sunket TOPCon Linear Warranty



SMBB Technology
Half Cut Topcon Cell



High Energy
Performance



100% Inspection
30years Guarantee



Fire Class A

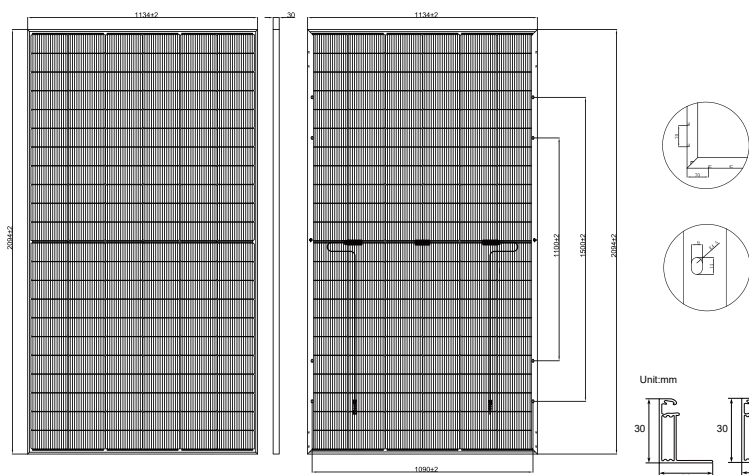


5400Pa
Strengthened
Mechanical Load



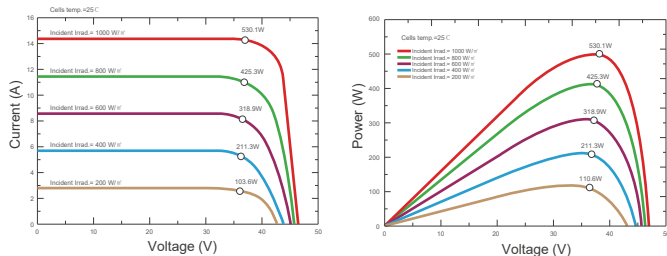
Advanced Bifacial
Efficiency





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 (SKT530M10-132D4)



Electrical Characteristics (STC/NOCT)

Module Type	SKT510M10-132S1		SKT515M10-132S1		SKT520M10-132S1		SKT525M10-132S1		SKT530M10-132S1	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power- Pmax(W)	510	386	515	389	520	393	525	397	530	401
Open Circuit Voltage - Voc(V)	46.31	44.10	46.50	44.29	46.69	44.48	46.88	44.67	47.07	44.86
Short- Circuit Current - Isc(A)	14.04	11.32	14.10	11.37	14.16	11.42	14.22	11.17	14.28	11.51
Voltage at Pmax -Vmp(V)	38.44	36.35	38.64	36.42	38.84	36.59	39.04	36.76	39.24	36.92
Current at Pmax - Imp(A)	13.27	10.62	13.33	10.68	13.39	10.74	13.45	10.80	13.51	10.86
Module Efficiency -ηm(%)	21.48	/	21.69	/	21.90	/	22.11	/	22.32	/
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°C , Air Mass 1.5

NOCT : Irradiance 800W/m^2 , Ambient Temperature 20°C , Air Mass 1.5, Wind Speed 1m/s

Mechanical Specifications

External Dimensions	2094x1134x30mm
Weight	26.5kg
Solar Cells	Mono crystalline 182mm (2x66pcs)
Front Glass	AR Coated 2+2 mm tempered glass
Frame	Anodized aluminum alloy
Junction Box	IP68
Output Cables	4.0mm², 1200mm (+), 1200mm (-), length can be customized
Connector	MC4 Compatible
Mechanical Load	Front Side Max. 5400Pa, Rear Side Max. 2400Pa

Temperature Characteristics

Pmax Temperature Coefficient	-0.290%/ 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

Bifacial Output Rear Side Power Gain

Power Gain	10%	15%	20%	25%	30%
Maximum Power- Pmax(W)	572.0	598.0	624.0	650.0	676.0
Open Circuit Voltage - Voc(V)	46.69	46.69	46.69	46.69	46.69
Short- Circuit Current - Isc(A)	15.58	16.28	16.99	17.70	18.41
Voltage at Pmax -Vmp(V)	38.83	38.83	38.83	38.83	38.83
Current at Pmax - Imp(A)	14.73	15.40	16.07	16.74	17.41

Packing Configuration

	2094x1134x30mm	
Container	20'GP	40'HQ
Pieces per Pallet	36	36
Pallets per Container	5	22
Pieces per Container	180	792