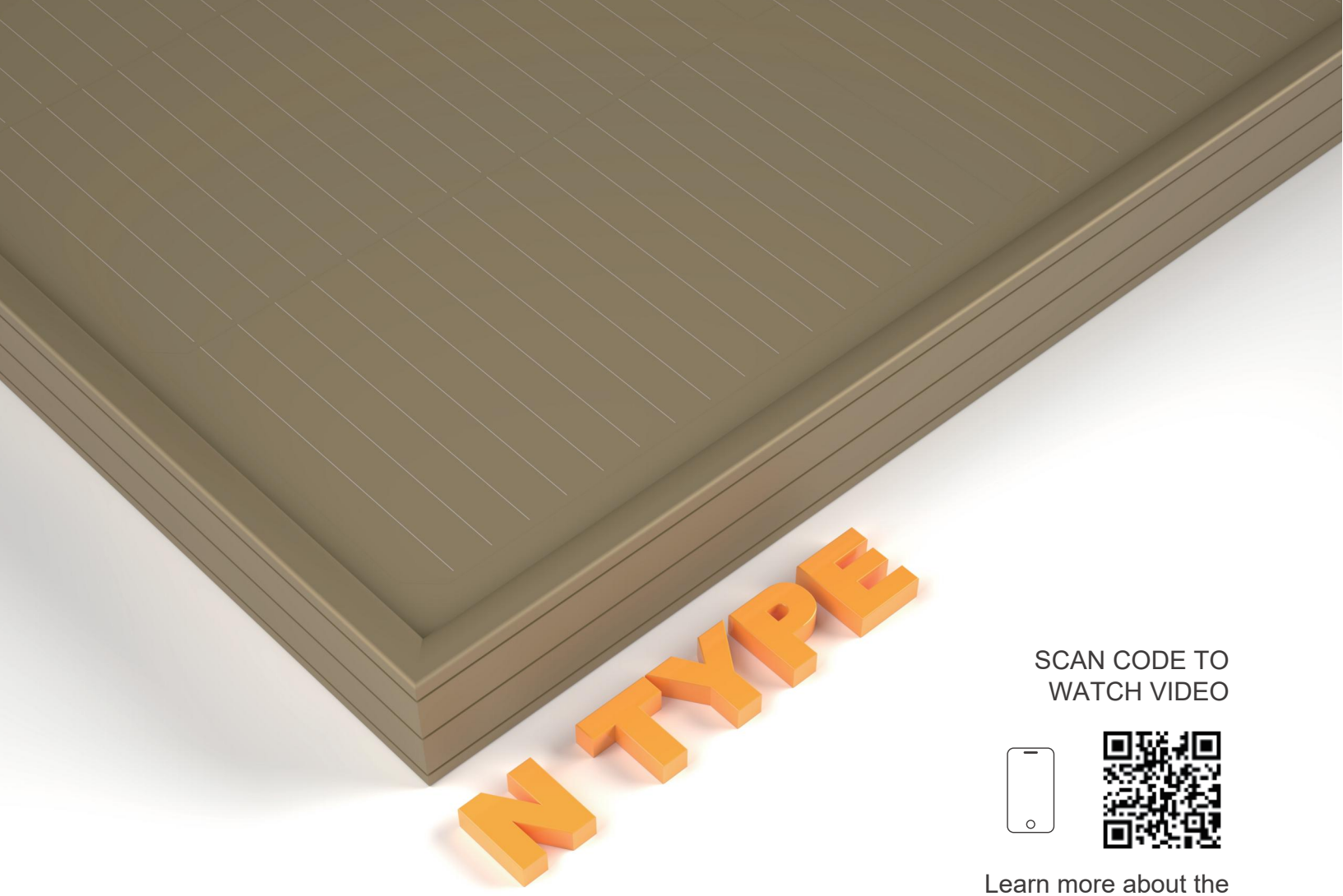


SCAN CODE TO
WATCH VIDEO

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

RAL1020

SKT280~300M10

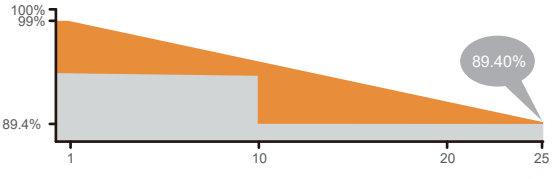
280~300 Watt

182mm 108Cells Olive-yellow
N Type Mono Half Cell PV Module Series



- Olive-yellow glass and frame
- Suitable for olive-yellow roof buildings
- PV facade with innovative compositions
- SMBB Technology Half Cut N Type Cell
- Anti PID
- Excellent Low-light Performance
- 100% Inspection Guarantee Reliability
- Strengthened Mechanical Load

Sunket N Type Linear Warranty



12 Years
Materials and
workmanship

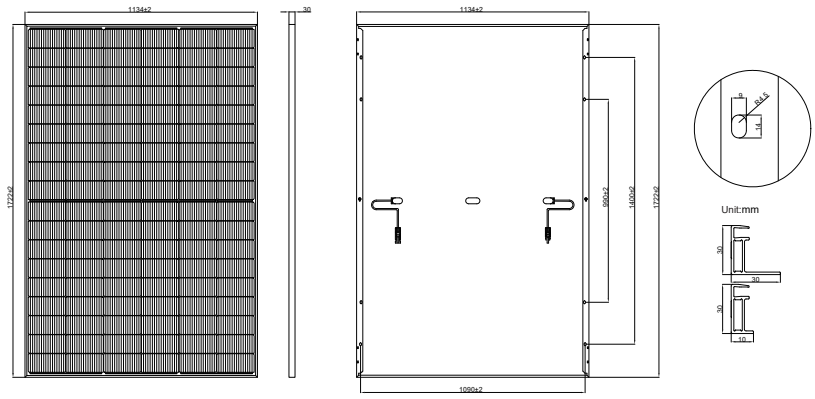
25 Years
89.4% Output
Power guarantee

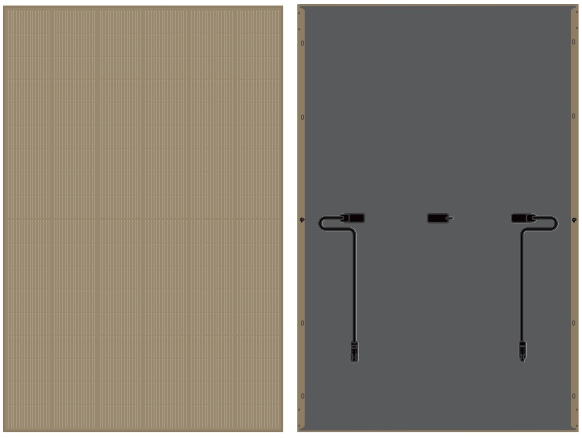
SUNKET - BIPV

SUNKET - BIPV

SKT280~300M10

182mm 108Cells Olive-yellow





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

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

Electrical Characteristics (STC)

Module Type	SKT280M10	SKT285M10	SKT290M10	SKT295M10	SKT300M10
Test Conditions	STC	STC	STC	STC	STC
Maximum Power- Pmax(W)	280	285	290	295	300
Open Circuit Voltage - Voc(V)	35.10	35.34	35.58	35.82	36.06
Short- Circuit Current - Isc(A)	10.14	10.23	10.32	10.41	10.50
Voltage at Pmax -Vmp(V)	30.50	30.69	30.88	31.07	31.26
Current at Pmax - Imp(A)	9.21	9.31	9.41	9.51	9.62
Module Efficiency -ηm(%)	14.30	14.60	14.90	15.10	15.40
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℃, Air Mass 1.5
*Measurement tolerance: ±3%　*Power binning up to: +3%

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, 1200mm (+), 1200mm (-), length can be customized
Connector	MC4 Compatible
Mechanical Load	Front Side Max. 5400Pa, Rear Side Max. 2400Pa

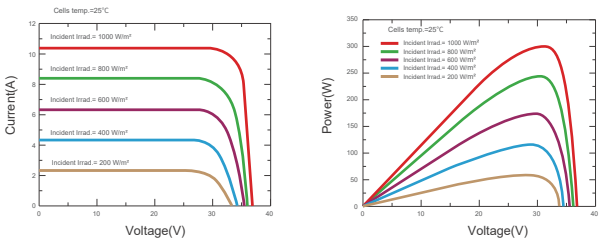
Packing Configuration

Pallet Dimensions	1750×1140×1254mm		
Ways of Transport	40'HQ	13.5m Flatbed Truck	17.5m Flatbed Truck
Pieces per Pallet	37 Pcs	36 Pcs	36 Pcs
Pallets per Container	26 Pallets	24 Pallets	36 Pallets
Pieces per Container	962 Pcs	864 Pcs	1296 Pcs

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	45±2°C

Current-Voltage & Power-Voltage Curves (SKT300M10)



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