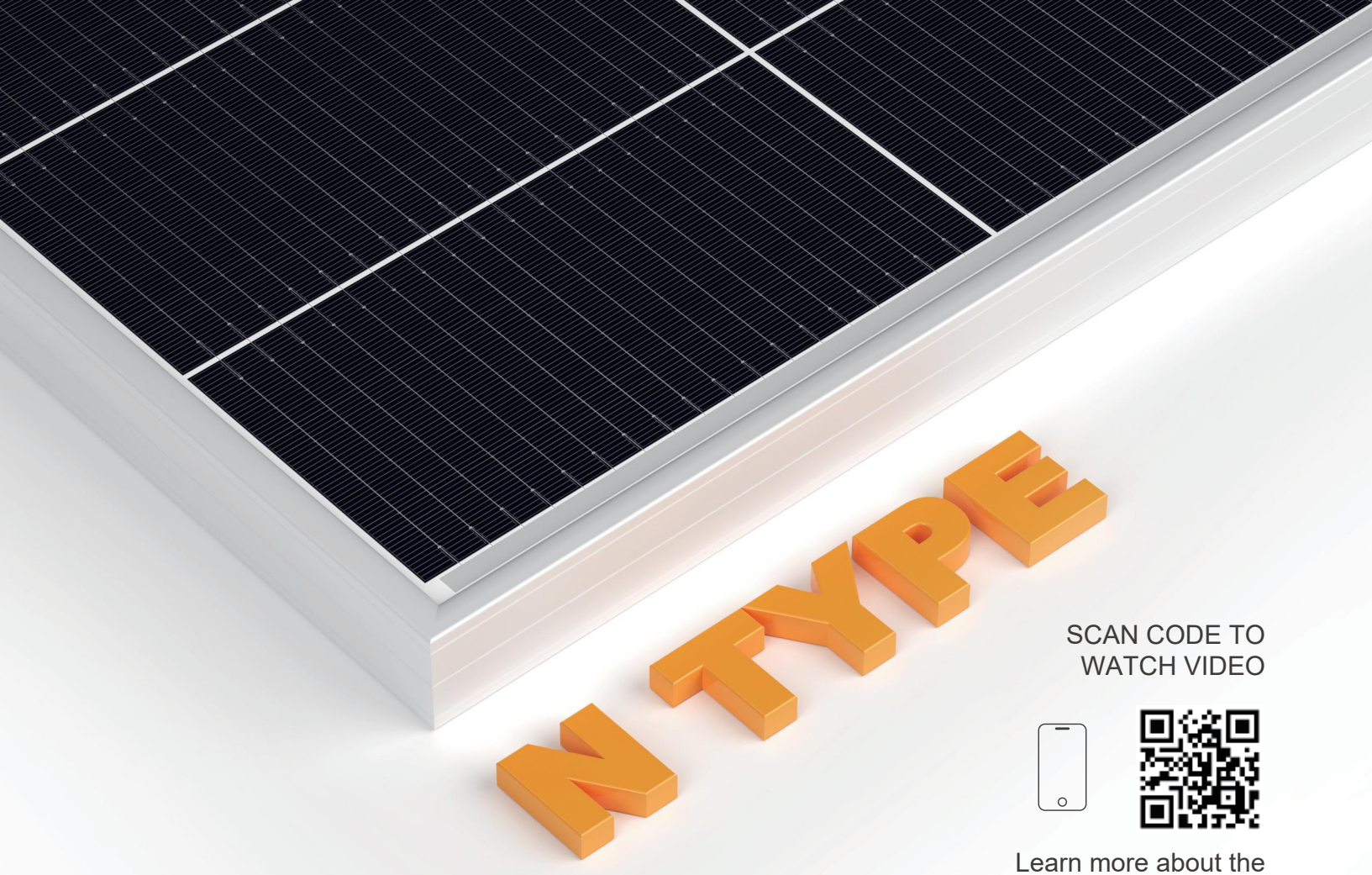
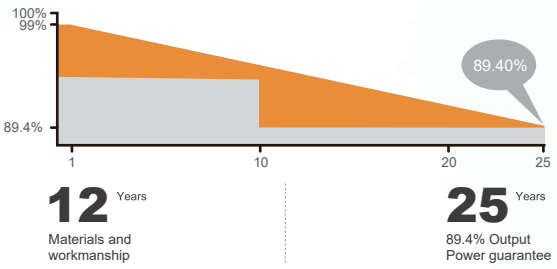


SCAN CODE TO
WATCH VIDEO

Learn more about the
production of 210mm
Mono PV Module

Sunket N Type Linear Warranty



12 Years
Materials and
workmanship

25 Years
89.4% Output
Power guarantee

SKT680~700M12-132D5

680~700 Watt

210mm 132Cells Mono PV Module Series

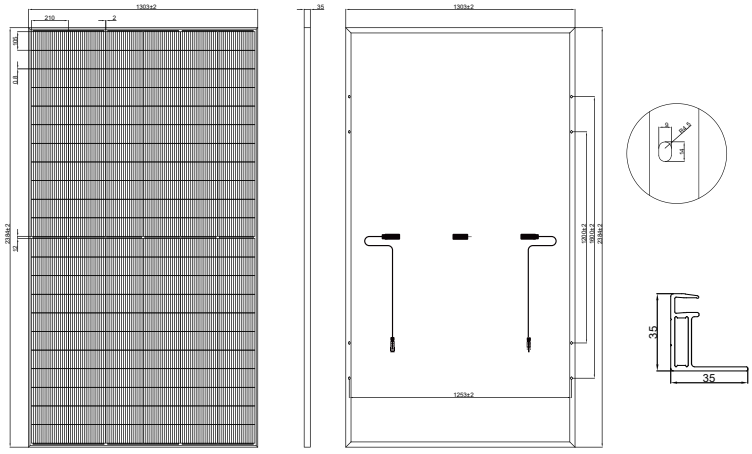
- SMBB Technology
  Half Cut N Type Cell
- High Energy
  Performance
- 100% Inspection
  25years Guarantee
- Fire Class A
- Strengthened
  Mechanical Load (5400Pa)
- Anti PID

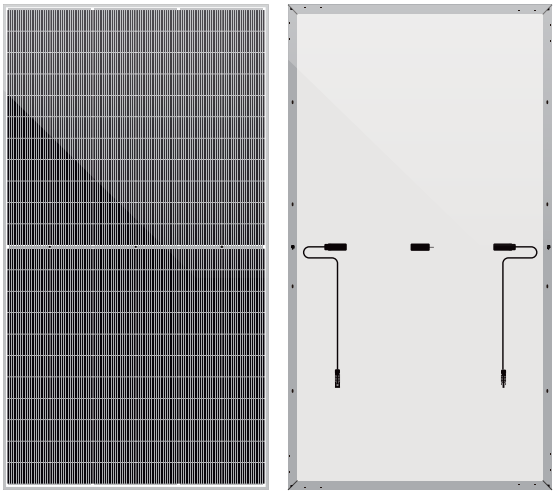
SUNKET® - Solar

SUNKET® - Solar

SKT680~700M12-132D5

210mm 132Cells Mono PV Module





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

Electrical Characteristics (STC/NOCT)

Module Type	SKT680M12-132D5		SKT685M12-132D5		SKT690M12-132D5		SKT695M12-132D5		SKT700M12-132D5	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power- Pmax(W)	680	514	685	518	690	522	695	526	700	529
Open Circuit Voltage - Voc(V)	47.10	44.60	47.30	44.80	47.50	45.00	47.70	45.20	47.90	45.40
Short- Circuit Current - Isc(A)	18.29	14.75	18.34	14.79	18.39	14.83	18.44	14.87	18.49	14.91
Voltage at Pmax -Vmp(V)	39.20	37.10	39.40	37.20	39.60	37.40	39.80	37.60	40.00	37.80
Current at Pmax - Imp(A)	17.35	13.88	17.39	13.91	17.43	13.94	17.47	13.97	17.51	14.00
Module Efficiency -ηm(%)	21.9	/	22.1	/	22.2	/	22.4	/	22.5	/
Power Tolerance(W)	(0，+4.99W)									
Maximum System Voltage(V)	1500Vdc (IEC / UL)									
Maximum Series Fuse Rating (A)	35A									

STC ： Irradiance 1000W/m²，Cell Temperature 25°C，Air Mass 1.5　　NOCT： Irradiance 800W/m²，Ambient Temperature 20°C，Air Mass1.5，Wind Speed 1m/s

Mechanical Specifications

External Dimensions	2384×1303×35mm
Weight	34.4kg
Solar Cells	Mono crystalline 210mm (2x66pcs)
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	1320×1125×2495mm
Container	40'HQ
Pieces per Pallet	31
Pallets per Container	18
Pieces per Container	558

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

Current-Voltage & Power-Voltage Curves (SKT700M12-132D5)

