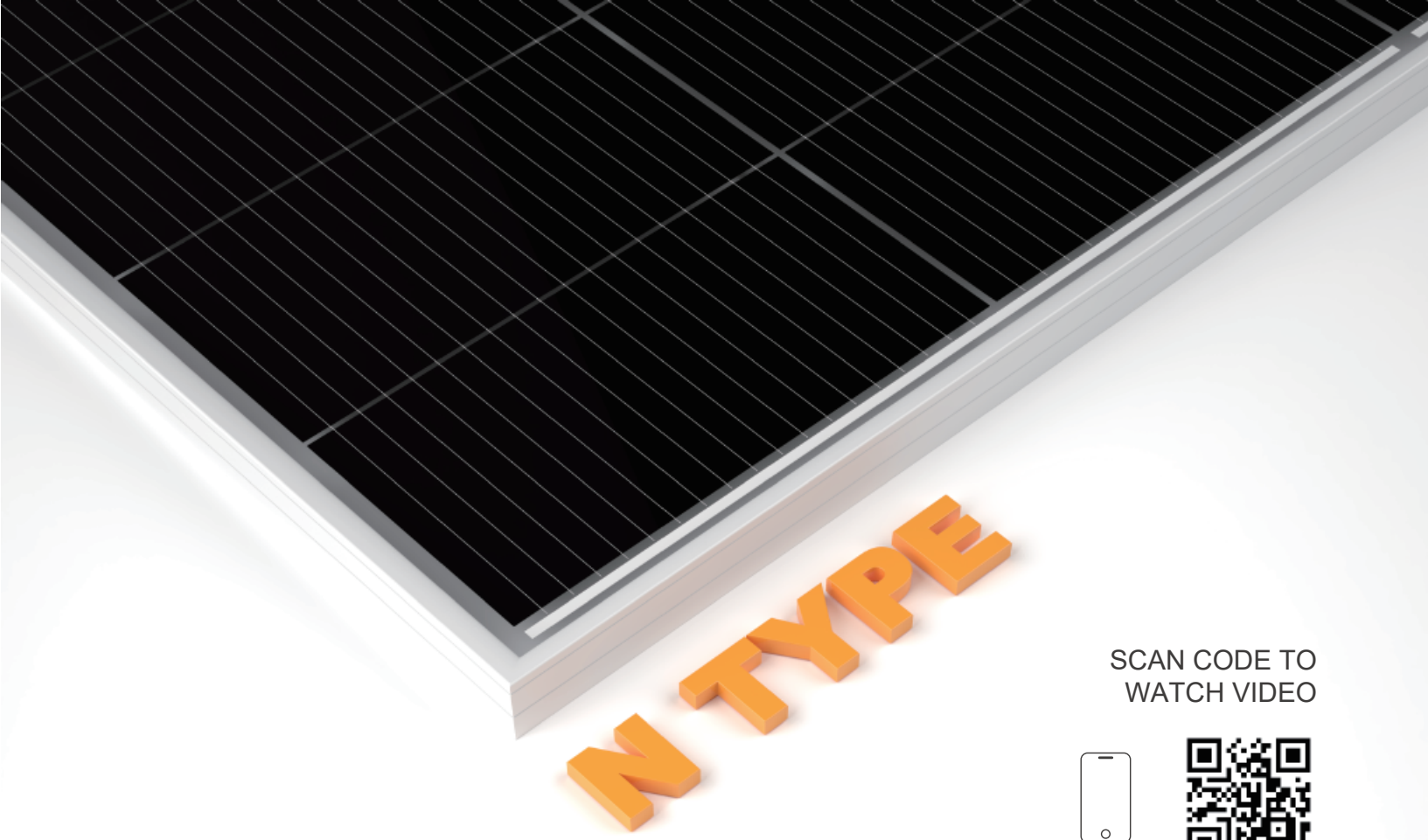
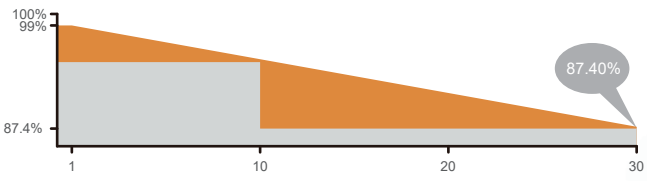


SCAN CODE TO
WATCH VIDEO

Learn more about the
production of 210mm
Mono PV Module

Sunket N Type Linear Warranty



15 Years
Materials and
workmanship

30 Years
87.4% Output
Power guarantee

SKT445~475M12-84D4

445~475 Watt

210mm 84Cells Double Glass Bifacial
Mono PV Module Series

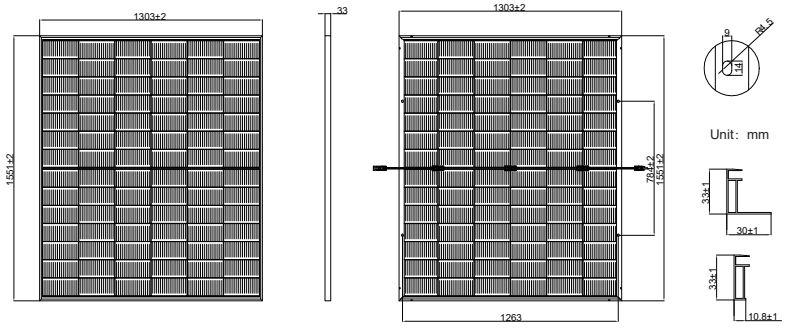
- SMBB Technology
  Half Cut N Type Cell
- High Energy
  Performance
- 100% Inspection
  30years Guarantee
- Fire Class A
- 5400Pa
  Strengthened
  Mechanical Load
- Advanced Bifacial
  Efficiency

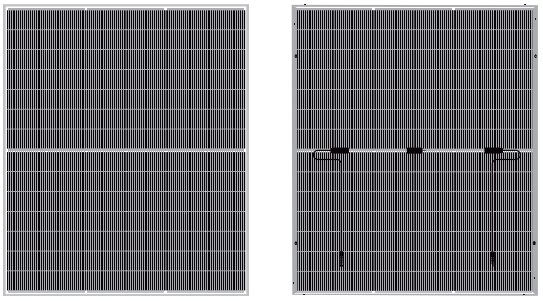
SUNKET - Solar

SUNKET-Solar

SKT445~475M12-84D4

210mm 84Cells Double Glass Bifacial Mono PV Module





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

Electrical Characteristics (STC/NOCT)

Module Type	SKT445M12-84D4	SKT450M12-84D4	SKT455M12-84D4	SKT460M12-84D4	SKT465M12-84D4	SKT470M12-84D4	SKT475M12-84D4
Test Conditions	STC	STC	STC	STC	STC	STC	STC
Maximum Power- Pmax(W)	445	450	455	460	465	470	475
Open Circuit Voltage - Voc(V)	29.90	30.10	30.30	30.50	30.70	30.90	31.10
Short- Circuit Current - Isc(A)	18.37	18.46	18.54	18.62	18.70	18.78	18.85
Voltage at Pmax -Vmp(V)	25.87	26.01	26.15	26.29	26.43	26.57	26.71
Current at Pmax - Imp(A)	17.20	17.30	17.40	17.50	17.59	17.69	17.78
Module Efficiency -ηm(%)	22.02	22.27	22.51	22.76	23.01	23.26	23.50
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℃, Air Mass 1.5
*NOCT : Irradiance 800W/m², Ambient Temperature 20℃, Air Mass1.5, Wind Speed 1m/s
*Measurement tolerance: ±3% *Power binning up to: +3%

Mechanical Specifications

External Dimensions	1551×1303×33mm
Weight	24.1kg
Solar Cells	Mono crystalline 210mm (2×47pcs)
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

Packing Configuration

Pallet Dimensions	1328×1135×1681mm		
Ways of Transport	40'HQ	13.5m Flatbed Truck	17.5m Flatbed Truck
Pieces per Pallet	32 Pcs	32 Pcs	32 Pcs
Pallets per Container	18 Pallets	18 Pallets	26 Pallets
Pieces per Container	576 Pcs	576 Pcs	832 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(NOCT)	45±2°C

Current-Voltage & Power-Voltage Curves (SKT475M12-84D4)

