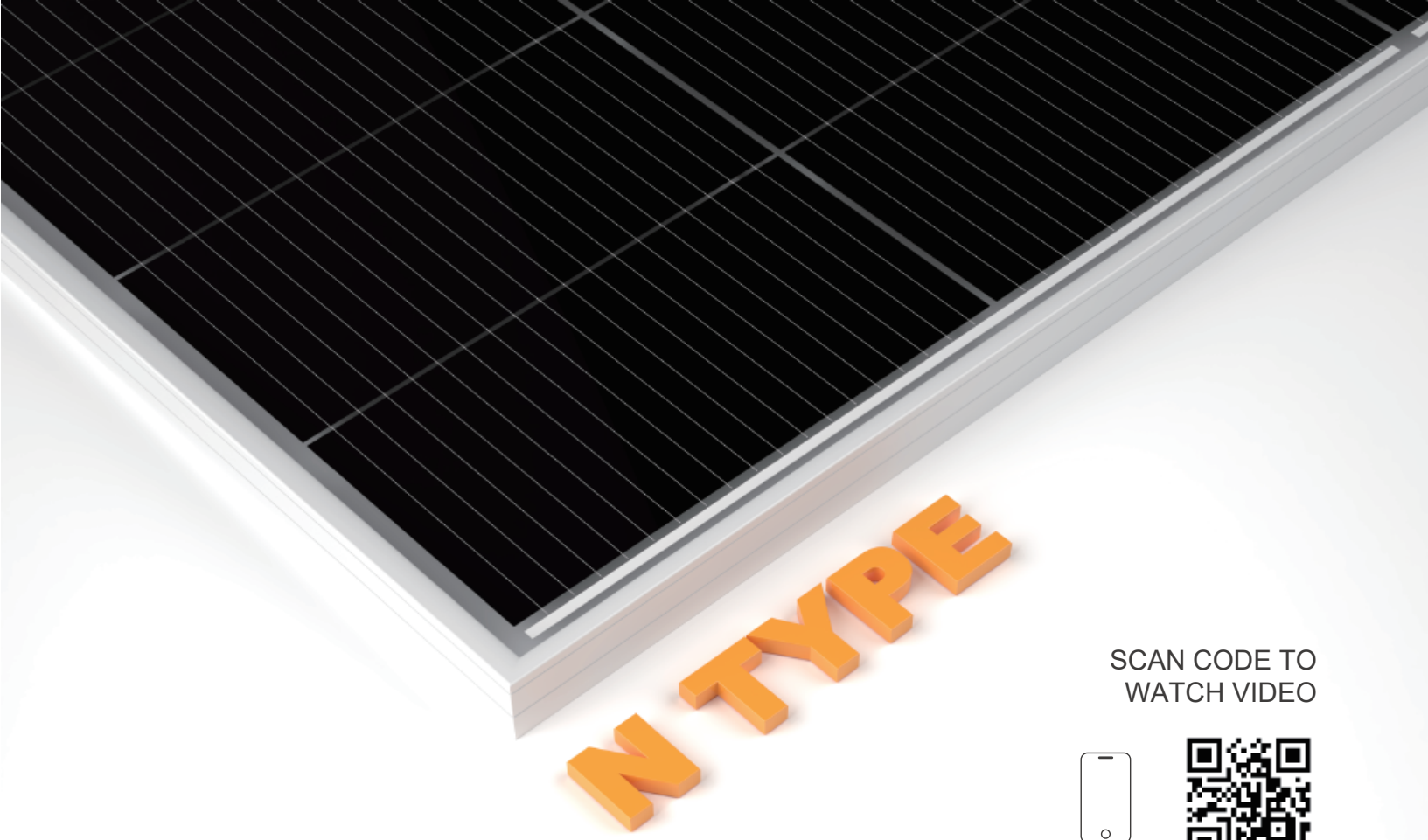
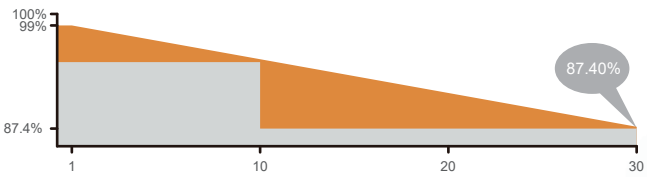



SCAN CODE TO
WATCH VIDEO

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

## *SKT635~680M12-120D4*

# 635~680 Watt

210mm 120Cells Double Glass Bifacial
Mono PV Module Series

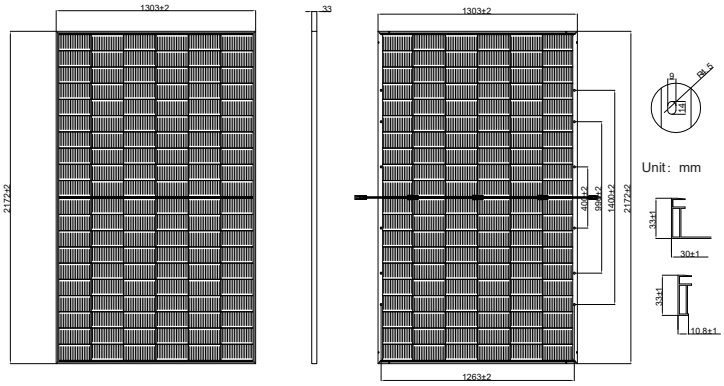
- SMBB Technology
  Half Cut N Type Cell
- High Energy
  Performance
- 100% Inspection
  30years Guarantee
- Fire Class A
- 5400Pa
  Strengthened
  Mechanical Load
- Advanced Bifacial
  Efficiency

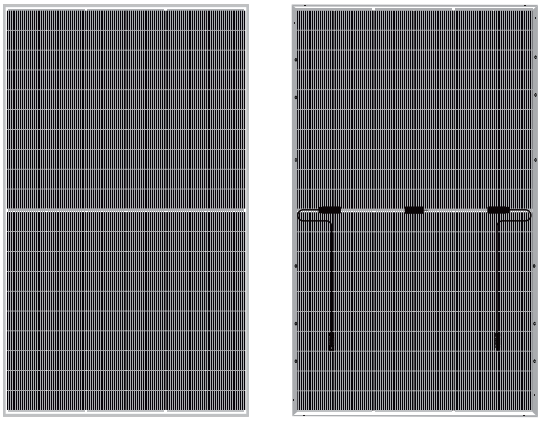
SUNKET - Solar

# SUNKET-Solar

## SKT635~680M12-120D4

210mm 120Cells 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 | SKT635M12-120D4 | | SKT640M12-120D4 | | SKT645M12-120D4 | | SKT650M12-120D4 | | SKT655M12-120D4 | | SKT660M12-120D4 | | SKT665M12-120D4 | | SKT670M12-120D4 | | SKT675M12-120D4 | | SKT680M12-120D4 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Test Conditions | STC | NOCT | STC | NOCT | STC | NOCT | STC | NOCT | STC | NOCT | STC | NOCT | STC | NOCT | STC | NOCT | STC | NOCT | STC | NOCT |
| Maximum Power- Pmax(W) | 635 | 479.5 | 640 | 483.3 | 645 | 487.1 | 650 | 490.8 | 655 | 494.6 | 660 | 498.4 | 665 | 502.2 | 670 | 505.9 | 675 | 509.7 | 680 | 513.5 |
| Open Circuit Voltage - Voc(V) | 42.72 | 40.56 | 42.92 | 40.72 | 43.12 | 40.88 | 43.32 | 41.04 | 43.52 | 41.20 | 43.72 | 41.51 | 43.92 | 41.67 | 44.12 | 41.83 | 44.32 | 41.99 | 44.52 | 42.15 |
| Short- Circuit Current - Isc(A) | 18.35 | 15.31 | 18.41 | 15.37 | 18.47 | 15.43 | 18.52 | 15.49 | 18.58 | 15.55 | 18.64 | 15.55 | 18.69 | 15.61 | 18.75 | 15.66 | 18.80 | 15.72 | 18.86 | 15.78 |
| Voltage at Pmax -Vmp(V) | 36.95 | 34.57 | 37.09 | 34.70 | 37.23 | 34.83 | 37.37 | 34.96 | 37.51 | 35.09 | 37.65 | 35.23 | 37.79 | 35.36 | 37.93 | 35.49 | 38.07 | 35.62 | 38.21 | 35.75 |
| Current at Pmax - Imp(A) | 17.18 | 13.87 | 17.25 | 13.93 | 17.32 | 13.98 | 17.39 | 14.04 | 17.46 | 14.09 | 17.53 | 14.15 | 17.60 | 14.20 | 17.66 | 14.26 | 17.73 | 14.31 | 17.79 | 14.36 |
| Module Efficiency -ηm(%) | 22.44 | / | 22.61 | / | 22.79 | / | 22.97 | / | 23.14 | / | 23.32 | / | 23.50 | / | 23.67 | / | 23.85 | / | 24.03 | / |
| 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 | 2172×1303×33mm |
| Weight | 34kg |
| Solar Cells | Mono crystalline 210mm (2×60pcs) |
| 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 |

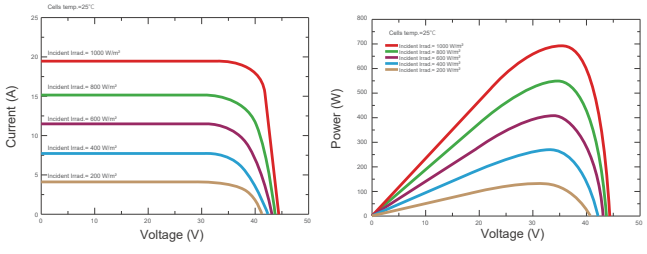
## Packing Configuration

| Pallet Dimensions | 1328×1135×2303mm | | |
|---|---|---|---|
| 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 | 24 Pallets |
| Pieces per Container | 576 Pcs | 576 Pcs | 768 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 (SKT680M12-120D4)




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