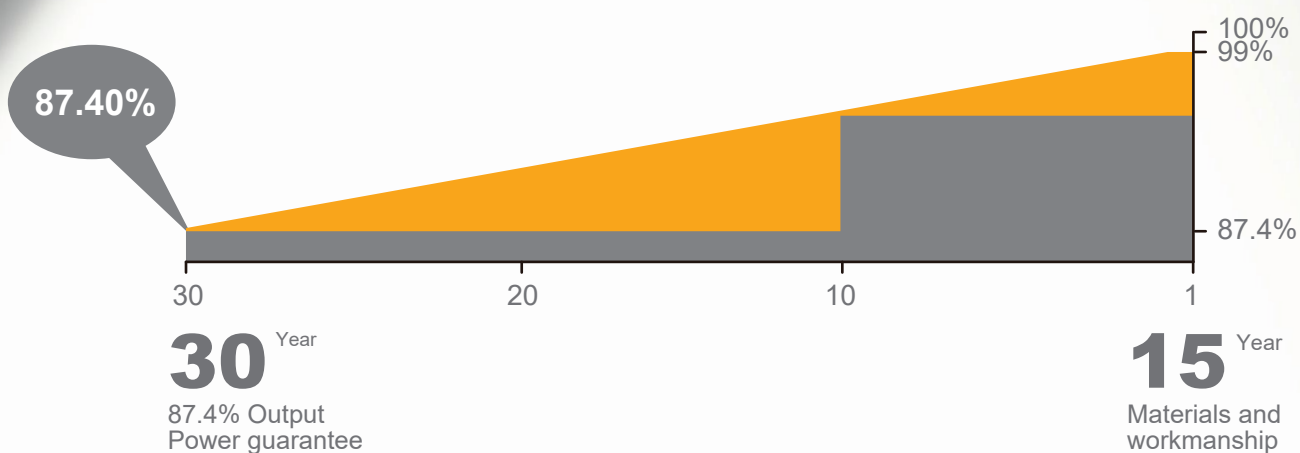


ULTRA

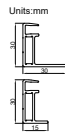
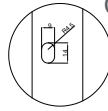
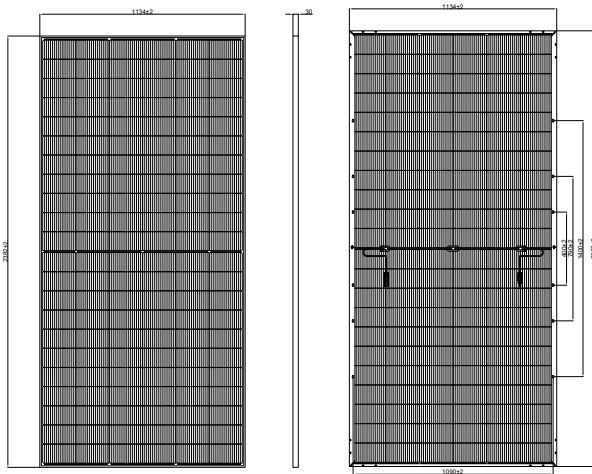
N TYPE

Fire Class A

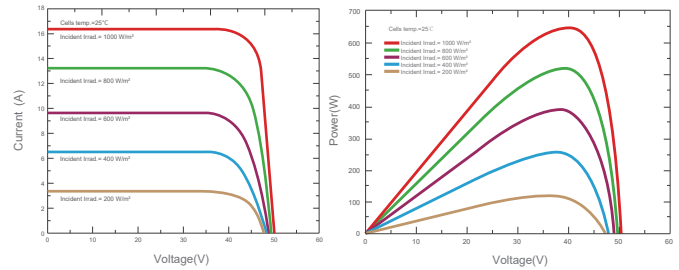
High Energy
PerformanceStrengthened
Mechanical LoadAdvanced Bifacial
Efficiency100% Inspection
30years GuaranteeSMBB Technology
Half Cut N Type Cell**SKT620~645M12-132D4****620~645 Watt**210x182mm 16BB 132Cells Double Glass Bifacial
N Type Mono Half Cell PV Module Series**Sunket N Type Linear Warranty** **SUNKET® - Solar**

SKT620~645M12-132D4

210x182mm 16BB 132Cells Double Glass Bifacial
N Type Mono Half Cell PV Module Series



Current-Voltage & Power-Voltage Curves (SKT645M12-132D4)



All Dimensions in mm

The above drawing is a graphical representation of the product.

Electrical Characteristics (STC/NMOT)

Module Type	SKT620M12-132D4		SKT625M12-132D4		SKT630M12-132D4		SKT635M12-132D4		SKT640M12-132D4		SKT645M12-132D4	
Test Conditions	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT
Maximum Power- Pmax(W)	620	468.2	625	471.9	630	475.7	635	479.4	640	483.2	645	486.9
Open Circuit Voltage - Voc(V)	49.10	46.62	49.30	46.81	49.50	47.00	49.70	7.19 1	49.90	47.38	50.10	47.57
Short- Circuit Current - Isc(A)	16.07	12.98	16.13	13.03	16.19	13.08	16.25	3.13 3	16.31	13.18	16.37	13.23
Voltage at Pmax -Vmp(V)	40.76	38.25	40.90	38.42	41.04	38.59	41.18	8.75 1	41.32	38.92	41.46	39.08
Current at Pmax - Imp(A)	15.21	12.24	15.28	12.28	15.35	12.33	15.42	2.37	15.49	12.42	15.56	12.46
Module Efficiency -ηm(%)	23.00	/	23.10	/	23.30	/	23.50	/	23.70	/	23.90	/

Power Tolerance(W)

(0, +5W)

Maximum System Voltage(V)

1500Vdc (IEC / UL)

Maximum Series Fuse Rating (A)

30A

*STC : Irradiance 1000W/m², Cell Temperature 25°C, Air Mass 1.5

*NMOT : Irradiance 800W/m², Ambient Temperature 20°C, Air Mass 1.5, Wind Speed 1m/s

*Measurement tolerance: ±3% *Power binning up to: +3%

Mechanical Specifications

External Dimensions	2382x1134x30mm
Weight	32.4kg
Solar Cells	N-Type 16BB 182x105mm (2x66pcs)
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 Range	-40~+85°C
Nominal Operating Cell Temperature(NMOT)	45±2°C

Bifacial Output Rear Side Power Gain

*Take SKT645M12-132D4 as an example.

Power Gain	5%	10%	20%
Maximum Power- Pmax(W)	677.3	709.5	744.0
Open Circuit Voltage - Voc(V)	50.10	50.10	50.10
Short- Circuit Current - Isc(A)	17.00	17.81	19.42
Voltage at Pmax -Vmp(V)	41.46	41.46	41.46
Current at Pmax - Imp(A)	16.34	17.11	18.67

Packing Configuration

Pallet Dimensions	1164x1140x2495mm		
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	20 Pallets	16 Pallets	25 Pallets
Pieces per Container	740 Pcs	576 Pcs	900 Pcs