

ULTRA

N TYPE

Fire Class A



High Energy
Performance



Strengthened
Mechanical Load



Anti PID



100% Inspection
25years Guarantee



SMBB Technology
Half Cut N Type Cell

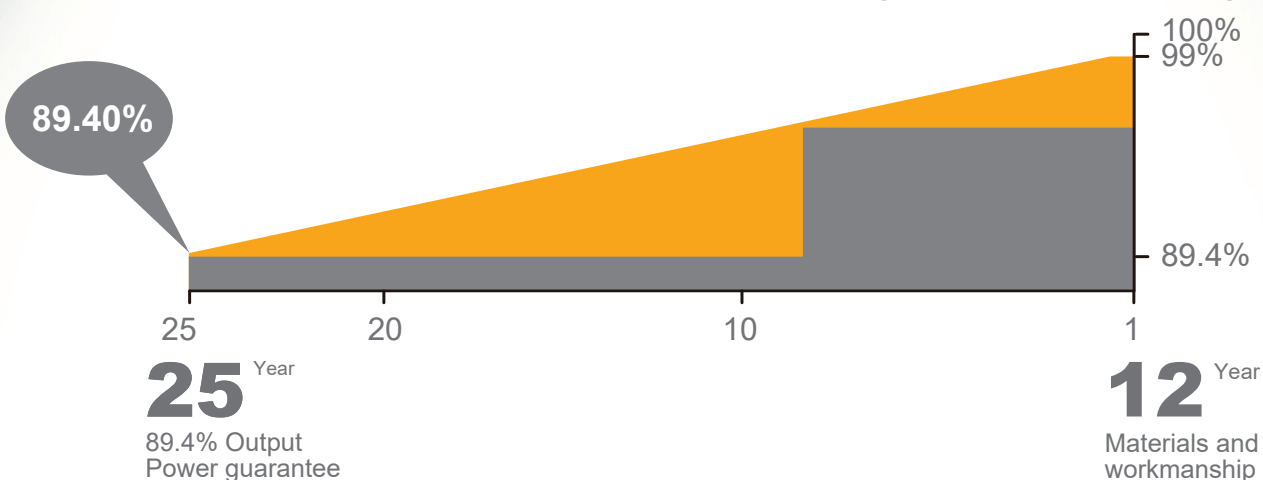


SKT425~460M10-108D6

425~460 Watt

188x182mm 16BB 108Cells All Black
N Type Mono Half Cell PV Module Series

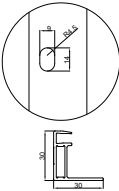
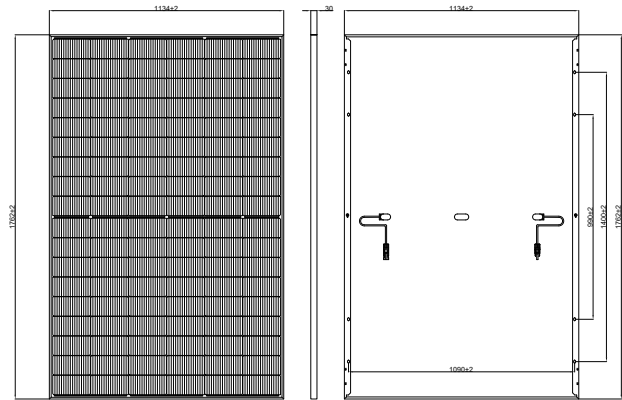
Sunket N Type Linear Warranty



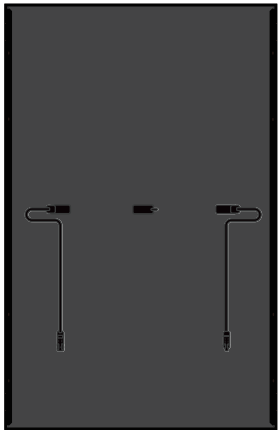
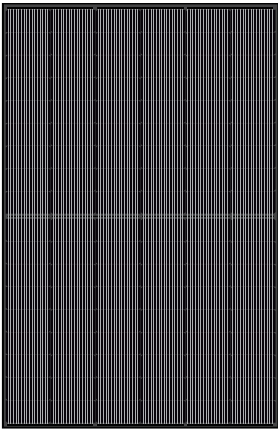
SUNKET® - Solar

SKT425~460M10-108D6

188x182mm 16BB 108Cells All Black
N Type Mono Half Cell PV Module Series



Unit:mm



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

Electrical Characteristics (STC)

Module Type	SKT425M10-108D6	SKT430M10-108D6	SKT435M10-108D6	SKT440M10-108D6	SKT445M10-108D6	SKT450M10-108D6	SKT455M10-108D6	SKT460M10-108D6
Test Conditions	STC	STC	STC	STC	STC	STC	STC	STC
Maximum Power- Pmax(W)	425	430	435	440	445	450	455	460
Open Circuit Voltage - Voc(V)	38.30	38.50	38.70	38.90	39.10	39.30	39.50	39.70
Short- Circuit Current - Isc(A)	14.06	14.14	14.23	14.31	14.40	14.48	14.56	14.64
Voltage at Pmax -Vmp(V)	31.94	32.12	32.29	32.47	32.65	32.82	33.00	33.17
Current at Pmax - Imp(A)	13.31	13.39	13.47	13.55	13.63	13.71	13.79	13.87
Module Efficiency -ηm(%)	21.27	21.50	21.80	22.00	22.30	22.50	22.80	23.00

Power Tolerance(W) (0, +5W)

Maximum System Voltage(V) 1500Vdc (IEC / UL)

Maximum Series Fuse Rating (A) 25A

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

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

Mechanical Specifications

External Dimensions	1762×1134×30mm
Weight	21kg
Solar Cells	N-Type 16BB 182×94mm (2×54pcs)
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

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

Packing Configuration

Pallet Dimensions	1790×1140×1254mm
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

Current-Voltage & Power-Voltage Curves (SKT460M10-108D6)

