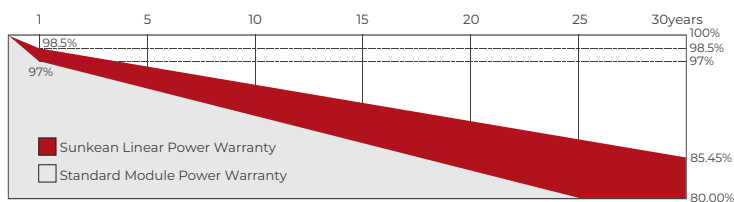


SKE175N2-22

- ✓ Lower LCOE & system cost
- ✓ Excellent outdoor power generation performance
- ✓ High module quality ensures long-term reliability



*1st year degradation less than 1.5%, 30 years linear power output 85.45% guaranteed.



The application of multi-busbar (MBB) half-cut cell technology brings stronger resistance to shade and lower risk of hot spot.



Higher power output even under low-light environments like on cloudy or foggy days.



N-TopCon solar cell has no LID naturally which can increase power generation.



Lower temperature coefficient and lower operating temperature can ensure higher power generation.



By series and parallel design, to reduce the series RS and achieve higher power output and lower BOS cost.



Widely applicable scenarios, such as high humidity, windy, and large temperature difference regions.

19.42%

Max Efficiency

0-3%

Power Tolerance

<1.5%

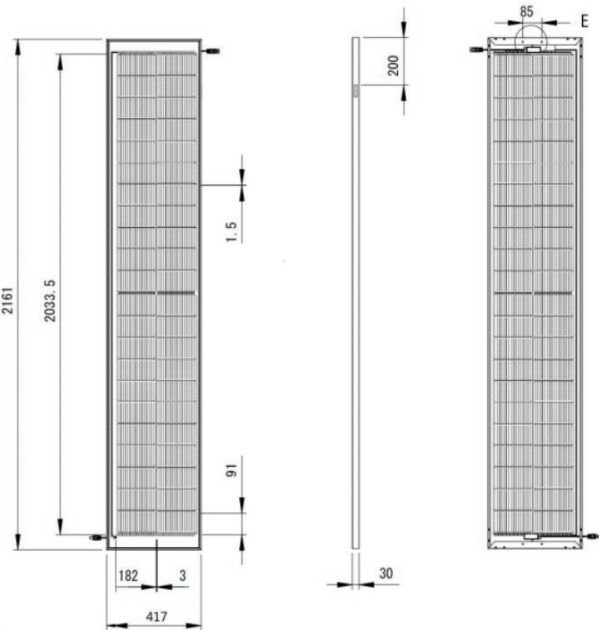
First Year Power Degradation

0.40%

Year 2-30 Power Degradation

HALF-CELL

Lower Operating Temperature



Mechanical Parameters

Cell Orientation	44(2*22) pcs solar half cells
Junction Box	IP68, 2 diodes
Output Cable	4mm² solar cable(TUV) 750mm or customized
Front Glass Type	2.0mm, High Transmission AR Coated Tempered Glass
Back Glass Type	2.0mm Semi-tempered Glass
Connector	MC4 Compatible
Frame	Anodized Aluminum Alloy
Weight	12kg
Dimension	417mmx2161mmx30mm
Packaging	36 pcs/ pallet, 720 pcs/ 20GP, 1560pcs/ 40HC

Electrical Characteristics

STC: AM1.5 1000W/m² 25°C
NOCT: AM1.5 800W/m² 20°C 1m/s
Test uncertainty for Pmax: ±3%

Module Type	SKE175N2-22	
Testing Condition	STC	NMOT
Maximum Power (Pmax/W)	175	131
Open Circuit Voltage (Voc/V)	15.53	14.75
Short Circuit Current (Isc/A)	14.38	11.61
Voltage at Maximum Power(Vmp/V)	12.83	11.94
Current at Maximum Power (Imp/A)	13.64	11.01
Module Efficiency(%)	19.42	

Operating Parameters

Operational Temperature	-40°C ~ +85°C
Power Output Tolerance	0~3%
Voc and Isc Tolerance	±3%
Maximum System Voltage	DC 1500V
Maximum Series Fuse Rating	25A
Nominal Operating Cell Temperature	45±2°C
Application Class	Class II
Fire Safety Class	IEC Class C

Mechanical Loading

Front Side Maximum Static Loading	5400Pa
Rear Side Maximum Static Loading	2400Pa
Hailstone Test	25mm Hailstone at speed of 23m/s

Temperature Rating(STC)

Temperature Coefficient of Isc	+0.045%/°C
Temperature Coefficient of Voc	-0.250%/°C
Temperature Coefficient of Pmax	-0.290%/°C