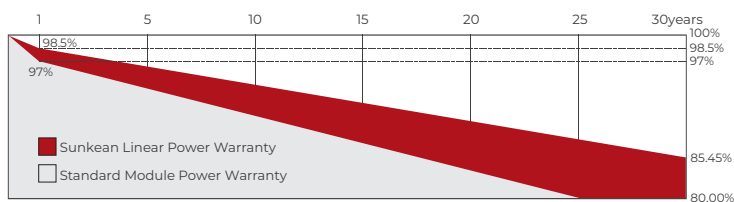
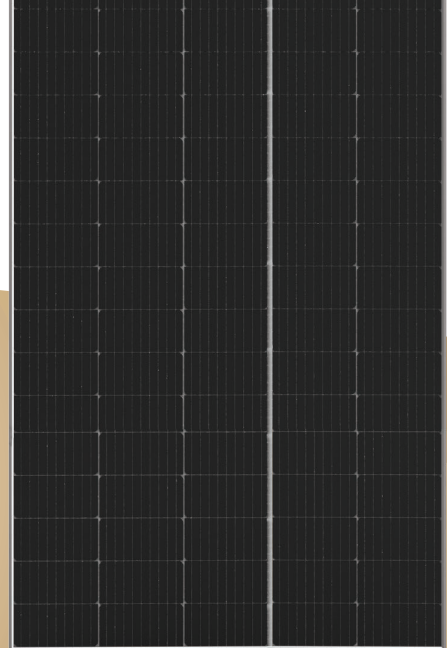


## SKE345-365M5-85

- ✓ 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.

22.30%

Max  
Efficiency

345-365W

Power  
Range

≤1.5%

First Year Power  
Degradation

0.45%

Year 2-30 Power  
Degradation

HALF-CELL

Lower Operating  
Temperature



### Mechanical Parameters

Cell Orientation	85(5*17) pcs solar half cells
Junction Box	IP68, 3 diodes
Output Cable	4mm <sup>2</sup> solar cable(TUV) 1200mm or customized
Glass	3.2mm, High Transmission AR Coated Tempered Glass
Connector	MC4 Compatible
Frame	Anodized Aluminum Alloy
Weight	17.5kg
Dimension	1650mmx992mmx35mm
Packaging	31 pcs/ pallet, 372 pcs/ 20GP, 938pcs/ 40HC

### Electrical Characteristics

STC: AM1.5 1000W/m<sup>2</sup> 25°C  
NOCT: AM1.5 800W/m<sup>2</sup> 20°C 1m/s  
Test uncertainty for Pmax: ±3%

Module Type	SKE345M5-85		SKE350M5-85		SKE355M5-85		SKE360M5-85		SKE365M5-85	
Testing Condition	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT
Maximum Power (Pmax/W)	345	259	350	263	355	267	360	270	365	274
Open Circuit Voltage (Voc/V)	61.46	58.37	61.79	58.69	62.14	59.02	62.31	59.18	62.64	59.50
Short Circuit Current (Isc/A)	6.99	5.64	7.00	5.65	7.00	5.65	7.01	5.66	7.02	5.67
Voltage at Maximum Power(Vmp/V)	53.91	50.19	54.52	50.76	55.21	51.40	55.90	52.04	56.59	52.68
Current at Maximum Power (Imp/A)	6.40	5.17	6.42	5.18	6.43	5.19	6.44	5.20	6.45	5.21
Module Efficiency(%)	21.08		21.38		21.69		21.99		22.30	

### 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