

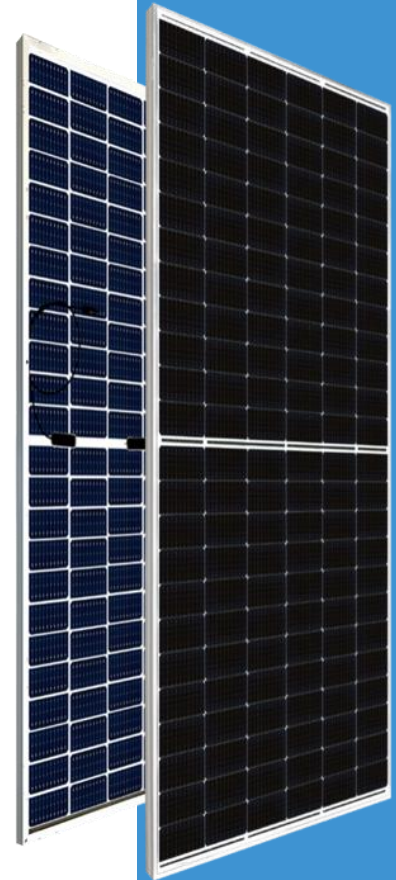
SKM4F-72D1

560~580 Watt

BIFACIAL DOUBLE GLASS MODULE
N-Type

0~+3% Positive power tolerance

SKM4F-72D1 bifacial double glass mono crystalline silicon solar module is particularly designed for solar farms and large rooftops. With N-Silicon technology, its extraordinarily high power output and excellent performance provide more yield from both front and rear side, reduce BOS cost significantly and bring better LCOE.



Key Features

SynMax-2 Technology
Innovated cell structure brings extremely high efficiency

Longer Life-span yield
0.4% annual power degradation and 30 year linear power warranty.

Lower LID/LETID
N-Silicon technology provides better reliability and lower LID/LETID

PID Resistance
Excellent Anti-PID performance

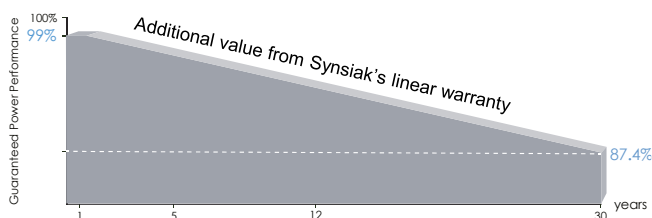
Better Temperature Coefficient
Better temperature coefficient provides less hot loss

Better LCOE
Excellent performance brings better LCOE

22.45%
Max Efficiency

30 Years
Power Warranty

Linear Performance Warranty

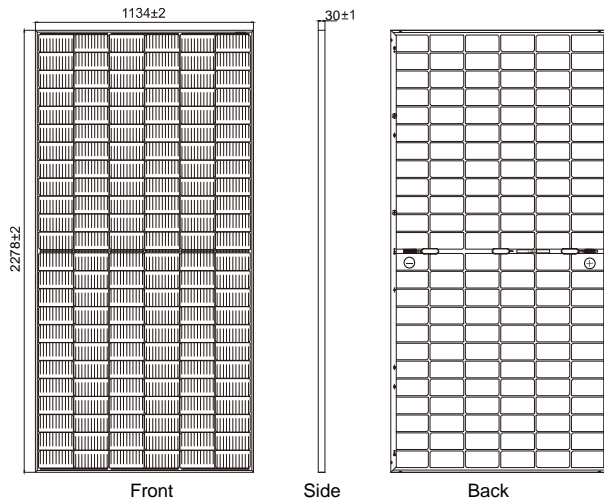


15 Years Product Warranty

30 Years Linear Power Warranty

1% First Year Degradation

0.4% from Second Year



MECHANICAL CHARACTERISTICS

Cell Type	N type Mono-crystalline
No. of Cells	144 cells
Dimensions	2278(±2)×1134(±2)×30(±1)mm
Weight	31.2kg±3%
Front Glass	2.0mm, Anti-Reflection Coating
Rear Glass	2.0mm, Heat Strengthened
Frame	Anodized Aluminum Alloy
Max Static Loading	5400Pa(front)/2400Pa(rear)
Junction Box	IP68 Rated
Output Cables	4.0 mm ² , cable length: 300 mm or Customized Length

PACKAGING CONFIGURATION

(Two pallets = One stack)

36pcs/pallets, 72pcs/stack, 720pcs/ 40'HQ Container

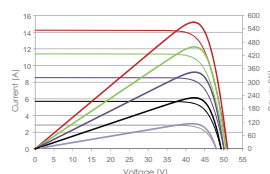
SPECIFICATIONS

Module Type	SKM4F-72D1-560	SKM4F-72D1-565	SKM4F-72D1-570	SKM4F-72D1-575	SKM4F-72D1-580
Maximum Power (Pmax/W)	560	565	570	575	580
Maximum Power Voltage (Vmp/V)	43.28	43.58	43.87	44.17	43.09
Maximum Power Current (Imp/A)	12.94	12.97	12.99	13.02	13.46
Open-circuit Voltage (Voc/V)	51.42	51.63	51.91	52.18	51.62
Short-circuit Current (Isc/A)	13.57	13.58	13.59	13.61	14.22
Module Efficiency STC (%)	21.68	21.87	22.07	22.26	22.45
Operating Temperature	-40°C~+85°C				
Maximum System Voltage	1500VDC				
Maximum Series Fuse Rating	30A				
Power Tolerance	0~+3%				
Refer. Bifacial Factor	80±10%				
STC	Irradiance 1000W/M2, cell temperature 25°C, AM 1.5				

TEMPERATURE RATINGS

Temperature Coefficient of Pmax	-0.30%/°C
Temperature Coefficient of Voc	-0.25%/°C
Temperature Coefficient of Isc	+0.046%/°C
Nominal Operating Cell Temperature (NOCT)	45±2°C

Current-Voltage & Power-Voltage Curve (570W)



Temperature Dependence of Isc, Voc, Pmax

