

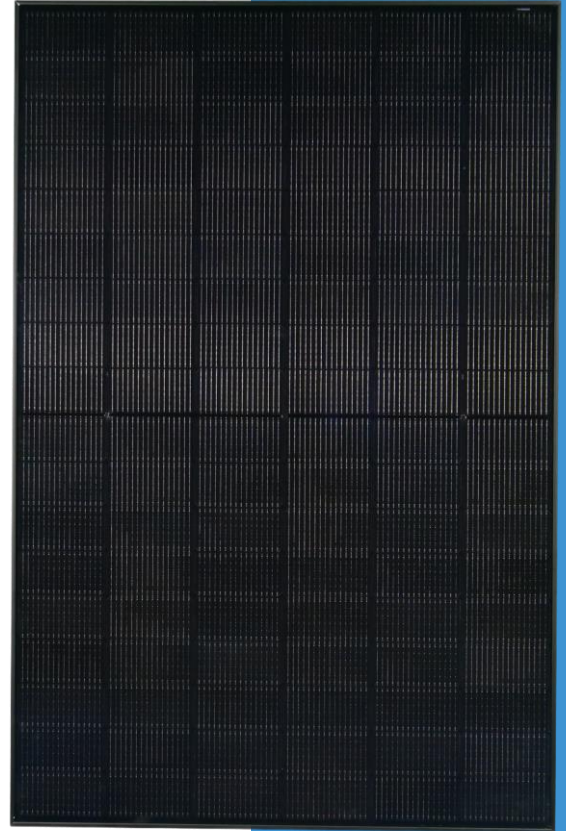
SKM4F-54D3

420~435 Watt

ALL BLACK
BIFACIAL DOUBLE GLASS MODULE
N-Type

0~+3% Positive power tolerance

SKM4F-54D3 bifacial double glass mono crystalline silicon solar module, which is particularly designed for rooftops, makes installation much easier. With N-Silicon technology, its extraordinarily high efficiency enables you to install as many as you can in a limited area and its excellent performance provides more yield.



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

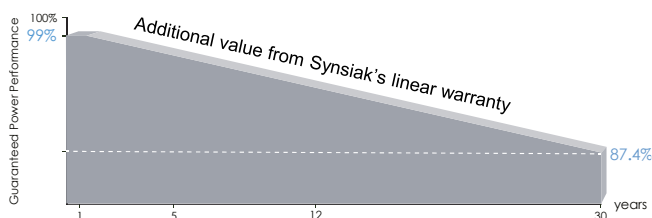


Excellent Low Irradiance Performance
Longer working hours and more power

22.3%
Max Efficiency

25 Years
Product Warranty

Linear Performance Warranty

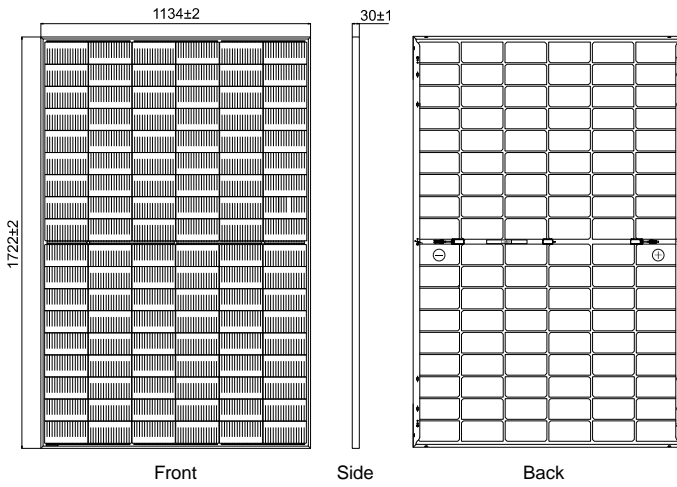


25 Years Product Warranty

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	108 cells
Dimensions	1722(±2)×1134(±2)×30(±1)mm
Weight	21.3kg±3%
Front Glass	1.6mm, Anti-Reflection Coating
Rear Glass	1.6mm, 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: 1200 mm or Customized Length

PACKAGING CONFIGURATION

(Two pallets = One stack)

36pcs/pallets, 72pcs/stack, 936pcs/ 40'HQ Container

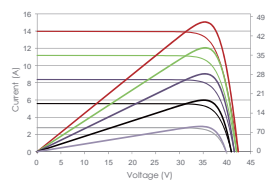
SPECIFICATIONS

Module Type	SKM4F-54D3-420	SKM4F-54D3-425	SKM4F-54D3-430	SKM4F-54D3-435
Maximum Power (Pmax/W)	420	425	430	435
Maximum Power Voltage (Vmp/V)	32.26	32.55	32.85	33.14
Maximum Power Current (Imp/A)	13.02	13.06	13.09	13.13
Open-circuit Voltage (Voc/V)	38.76	39.04	39.53	40.02
Short-circuit Current (Isc/A)	13.54	13.56	13.57	13.58
Module Efficiency STC (%)	21.5	21.8	22.0	22.3
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 (430W)



Temperature Dependence of Isc, Voc, Pmax

