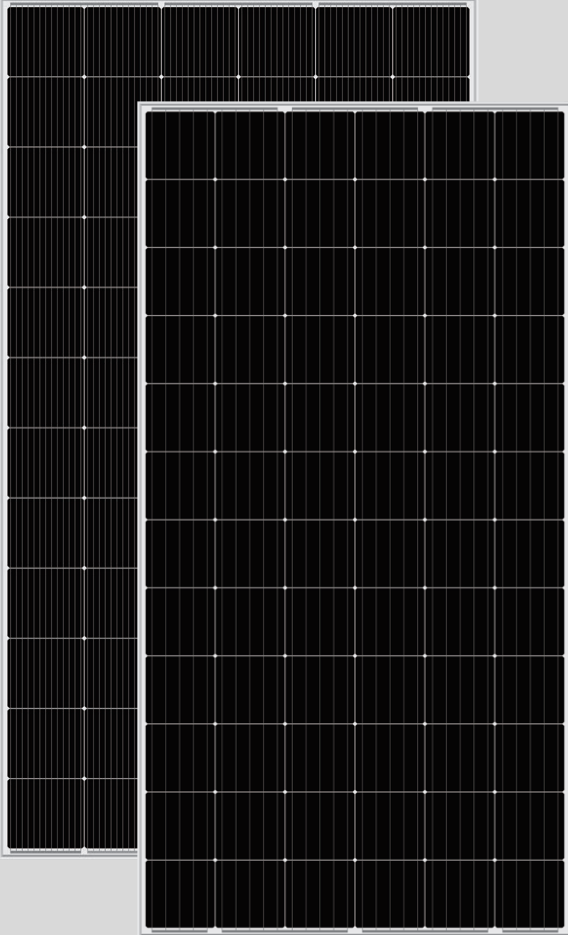


SF-72M

MORE BRIGHT FUTURE FROM

SUNFUTURE



**MONO 340W 350W 360W
370W 380W 390W**



Higher Durability

The multi-busbar design can decrease the risk of the cell micro-cracks and fingers broken.



High Power Density

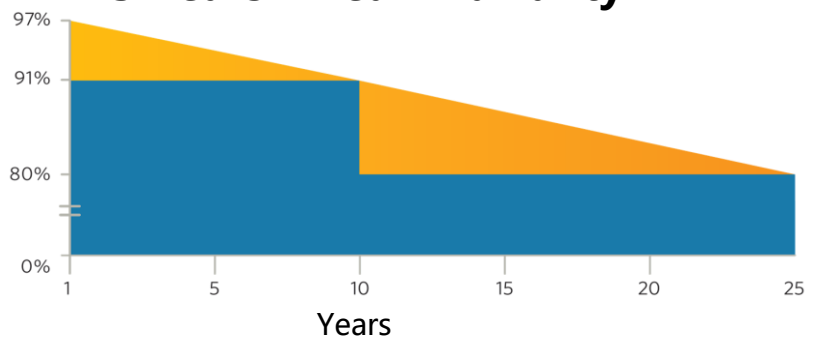
High conversion efficiency and more power output per square meter, by lower series resistance and improved light harvesting.



PID Resistant

Tested in accordance to the IEC 62804 standard, SF modules have demonstrated resistance against PID (Potential Induced Degradation), which translates to security for the investment.

25 Years Linear Warranty



SF's Linear Performance Warranty

Industry Standard Warranty

22.71%

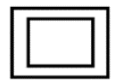
CELL EFFICIENCY

12 YEAR

PRODUCT WARRANTY

0-5W

POWER TOLERANCE



ELECTRICAL PERFORMANCE

Electrical parameters at Standard Test Conditions (STC)

Module type	SF***-72M							
Power output	P_{max}	W	340	350	360	370	380	390
Module efficiency	η_m	%	17.70	18.22	18.74	19.26	19.78	20.30
Voltage at P_{max}	V_{mp}	V	38.60	38.80	39.10	39.30	39.50	39.80
Current at P_{max}	I_{mp}	A	8.81	9.02	9.21	9.41	9.62	9.80
Open-circuit voltage	V_{oc}	V	46.32	46.56	46.92	47.16	47.40	47.76
Short-circuit current	I_{sc}	A	9.25	9.47	9.67	9.89	10.10	10.29

STC: 1000W/m² irradiance, 25° C cell temperature, AM1.5g spectrum according to EN 60904-3.

Average relative efficiency reduction of 3.0% at 200W/m² according to EN 60904-1.

Electrical parameters at Nominal Operating Cell Temperature (NOCT)

Power output	P_{max}	W	250.8	258.2	265.5	272.9	280.3	287.7
Voltage at P_{max}	V_{mp}	V	35.56	35.74	36.02	36.20	36.39	36.66
Current at P_{max}	I_{mp}	A	7.05	7.22	7.37	7.53	7.70	7.84
Open-circuit voltage	V_{oc}	V	43.15	43.37	43.70	43.93	44.15	44.49
Short-circuit current	I_{sc}	A	7.40	7.58	7.74	7.91	8.08	8.23

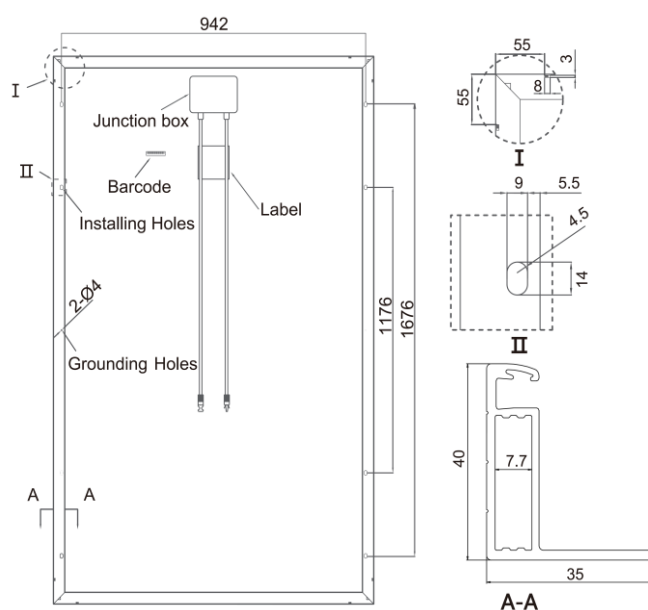
NOCT: open-circuit module operation temperature at 800W/m² irradiance, 20°C ambient temperature, 1m/s wind speed.

THERMAL CHARACTERISTICS

Nominal operating cell temperature (NOCT)	45°C ± 2
Temperature coefficient of P_{max}	-0.41%/°C
Temperature coefficient of V_{oc}	-0.33%/°C
Temperature coefficient of I_{sc}	+0.059%/°C

OPERATING CONDITIONS & DIMENSION

Max. system voltage	1500V _{DC}
Max. series fuse rating	15A
Operating temperature range	-40°C to 85°C
Max. static load, front (e.g., snow)	5400Pa
Max. static load, back (e.g., wind)	2400Pa
Dimension(mm)	1956×992×40
Weight	20.3kg
Frame colour	Silver/Black



Back View

Unit: mm

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