



# ***SEFCO* SOLAR®**

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PV Modules Product Catalogue



### Reliable long-term operation

.As tested and verified by the third party authority, PV modules by Tiger Solar is certified to withstand harsh environment and with high resistance to PID.

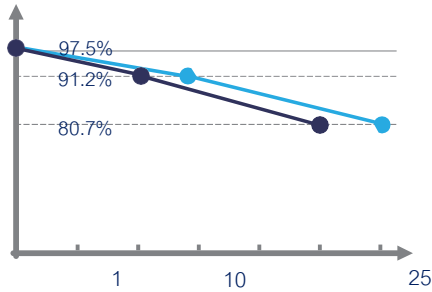


### Stable and reliable safety guarantee

25 years maintenance free  
reinforced insulation to prevent the personnel injury



### Linear guarantee of stable power output



0~+5W power tolerance

10-year product warranty

25-year linear performance warranty for standard PV module

30-year linear performance warranty for Glass-Glass PV module



### Overall Guarantee of electricity generation

Fine criteria in raw material procurement

Highly automated and stable production process

Strict Product Quality Control and test



### Outstanding mechanical properties

Snow loads: 5400 Pa

Wind loads: 2400 Pa



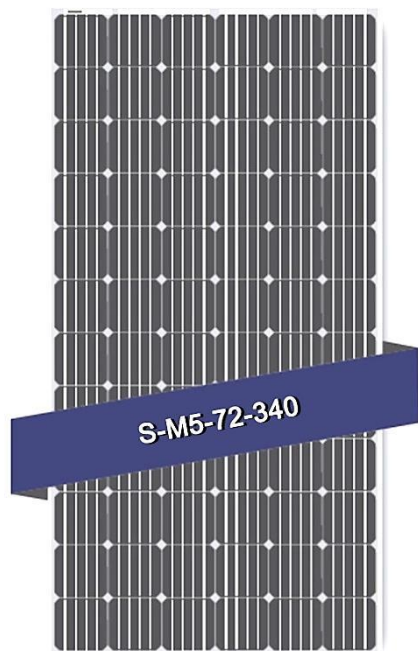
### Quality Guaranteed by Strict Certification Systems

ISO9001    ISO14001    OHSAS18001

IEC61215    IEC61730    IEC62804



Sefco Solar not only produces high-quality photovoltaic modules,  
We also provide customized services in different varieties.



## ELECTRICAL SPECIFICATIONS (STC)

TYPE S-M5-72-340

Rated Maximum Power (Pmax)	W	340
Voltage at Pmax (Vmp)	V	38.91
Current at Pmax (Imp)	A	8.74
Open circuit Voltage (Voc)	V	47.45
Short circuit Current (Isc)	A	9.31
Module Efficiency	%	17.49
Power tolerance	W	-0~+5

## ELECTRICAL SPECIFICATIONS (NOCT)

TYPE S-M5-72-340

Rated Maximum Power (Pmax)	W	248.59
Voltage at Pmax (Vmp)	V	34.61
Current at Pmax (Imp)	A	7.18
Open circuit Voltage (Voc)	V	43.11
Short circuit Current (Isc)	A	7.52

## TEMPERATURE COEFFICIENTS

Normal operating cell temperature	NOCT	45°C+ / -2°C
Temperature coefficient of Pmax	$\gamma$	-0.410%/°C
Temperature coefficient of Voc	$\beta_{Voc}$	-0.330%/°C
Temperature coefficient of Isc	$\alpha_{Isc}$	+0.059%/°C

## MECHANICAL SPECIFICATIONS

Dimensions	1957 mm / 992 mm / 40 mm
Weight	22Kg
Area	1.94 m <sup>2</sup>

## TEST OPERATING CONDITIONS

Operating Temperature	-40°C ~ +85°C
Maximum Load capacity	5400Pa(Snow Loads) 2400Pa(Wind Loads)
Junction box Ingress Protection	≥ IP67
Hail Test	25mm(Ice-ball diameter) 23m/s(Test velocity)
Maximum System Voltage	1500 VDC
Maximum Series Fuse	15A

