

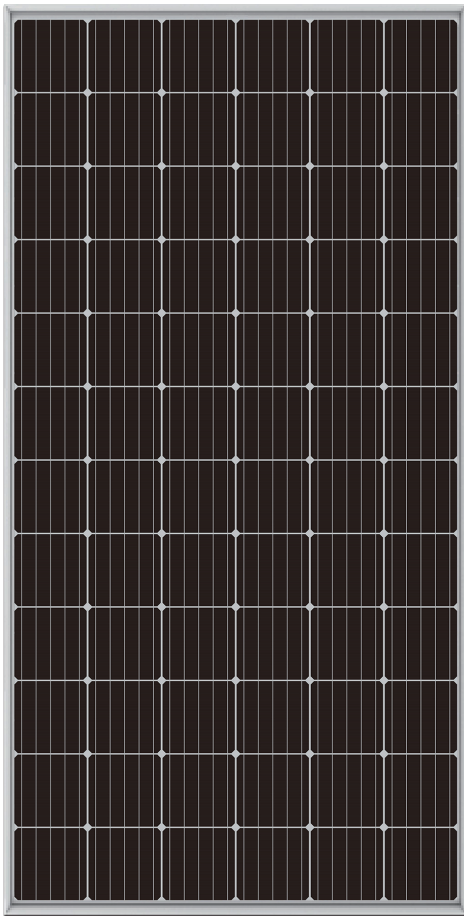
# SUN 72M

330W/335W/340W  
345W/350W

MONO CRYSTALLINE MODULE

ISO9001 and ISO14001 certified factory  
IEC61215, IEC61730, CE and ROHS certified  
products

WE FOCUS ON PRECISE PRODUCTION AND PROVIDE  
CUSTOMER WITH BEST COST-EFFECTIVE PRODUCTS TO  
CREATE MARKET VALUE FOR CUSTOMER



10  
Years

Manufacturing Warranty

12  
Years

90% Power Output

25  
Years

80% Power Output



## Power Tolerance

Power tolerance(0 ~ +3%) to ensure the high reliability of power output.



## Reliability

Durable and reliable solar panels due to stringent quality control measures, testing and strict selection of raw materials and components. PID free (TUV certified).



## IP68/15A

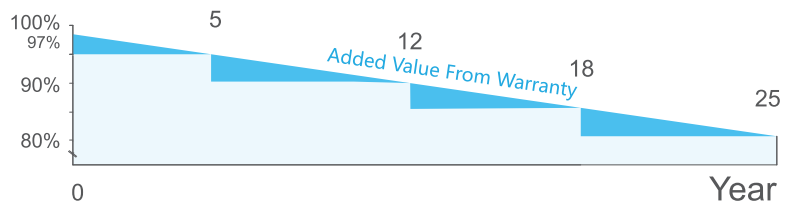
Special PV Module Insurances by world leading insurance company guarantees the benefit of PV investors and PV module users



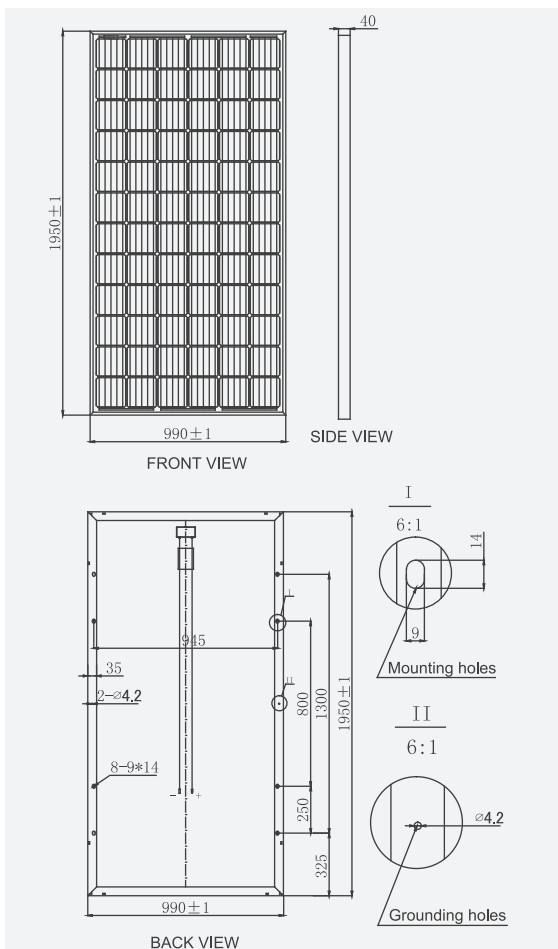
## Versatility

Salt mist corrosion tested, perfect for harsh climatic conditions.

## INDUSTRY-LEADING WARRANTY BASED ON NOMINAL POWER



## MECHANICAL DRAWINGS



## MECHANICAL SPECIFICATION

Cell Type	Mono Crystalline 156.75x156.75
Number Of Cells	72 ( 6x12 )
Dimensions(AxBxC)	1950x990x40mm
Weights	23kg
Front Glass	3.2mm Tempered Low Iron Glass
Frame	Clear Anodized Aluminum Alloy
Junction Box	IP68,with Bypass Diodes
Connector	Mc4 Compatible
Output Cables	Tuv,±length 900mm,4.0mm <sup>2</sup>

## ELECTRICAL CHARACTERISTICS

Maximum Power At STC(Pmax)	330W	335W	340W	345W	350W
Short Circuit Current(Isc)	9.24A	9.31A	9.35A	9.45A	9.53A
Open Circuit Voltage(Voc)	45.5V	45.9V	46.3V	46.9V	47.5V
Maximum Power Current(Imp)	8.66A	8.74A	8.85A	8.96A	9.04A
Maximum Power Voltage(Vmpp)	38.1V	38.3V	38.4V	38.5V	38.7V
Module Efficiency	17.1%	17.35%	17.61%	17.87%	18.13%
Power Tolerance	0~+3%	0~+3%	0~+3%	0~+3%	0~+3%

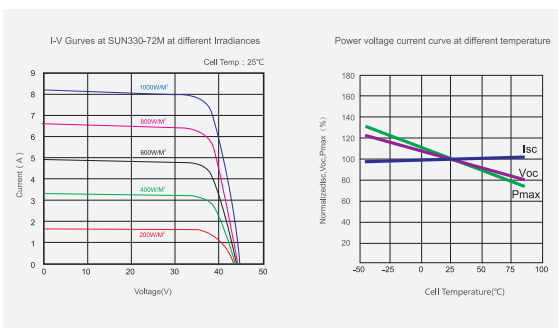
STC: 1000W/m<sup>2</sup> irradiance, 25°C cell temperature, AM1.5.

## NOCT

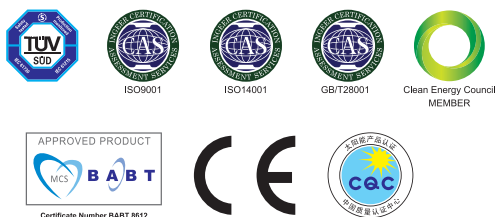
Maximum Power At STC(Pmax)	246.0	249.7	253.4	257.2	260.9
Short Circuit Current(Isc)	7.48	7.54	7.57	7.65	7.72
Open Circuit Voltage(Voc)	42.1	42.4	42.8	43.4	43.9
Maximum Power Current(Imp)	7.09	7.14	7.18	7.25	7.31
Maximum Power Voltage(Vmpp)	34.7	35.0	35.3	35.5	35.7

NOCT: Irradiance at 800W/m<sup>2</sup>, Ambient Temperature 20°C, wind speed 1m/s.

## I-V CURVES



## QUALIFICATIONS AND CERTIFICATES



## SYSTEM INTEGRATION PARAMETERS

Maximum System Voltage	VDC 1000V
Maximum Series Fuse	15A
Increased Snowload Acc.to Iec 61215	5400Pa
Operating Temperature	-40~+85°C
Number Of Bypass Diodes	3

## TEMPERATURE CHARACTERISTICS

Normal Operating Cell Temperature(Noct)	45°C±2°C
Temperature Coefficient Of Pmax	-0.41%/°C
Temperature Coefficient Of Voc	-0.33%/°C
Temperature Coefficient Of Isc	0.06%/°C

## PACKING CONFIGURATION

Container	20' GP	40' GP
Pieces Per Pallet	27	27
Pallets Per Container	10	24
Pieces Per Container	270	648