



ELECTRICAL SPECIFICATIONS (STC)			
TYPE		TGP5-72 -330	TGP5-72 -335
Rated Maximum Power (Pmax)	W	330	335
Voltage at Pmax (Vmp)	V	37.40	37.60
Current at Pmax (Imp)	A	8.83	8.91
Open circuit Voltage (Voc)	V	45.80	46.00
Short circuit Current (Isc)	A	9.28	9.35
Module Efficiency	%	17.01	17.26
Power tolerance	W	-0 ~ +5	-0 ~ +5

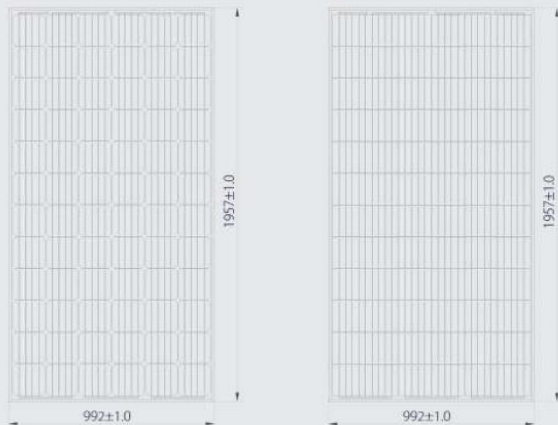
ELECTRICAL SPECIFICATIONS (NOCT)			
TYPE		TGP5-72 -330	TGP5-72 -335
Rated Maximum Power (Pmax)	W	245	249
Voltage at Pmax (Vmp)	V	34.60	34.80
Current at Pmax (Imp)	A	7.08	7.14
Open circuit Voltage (Voc)	V	42.40	42.60
Short circuit Current (Isc)	A	7.49	7.55

### 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

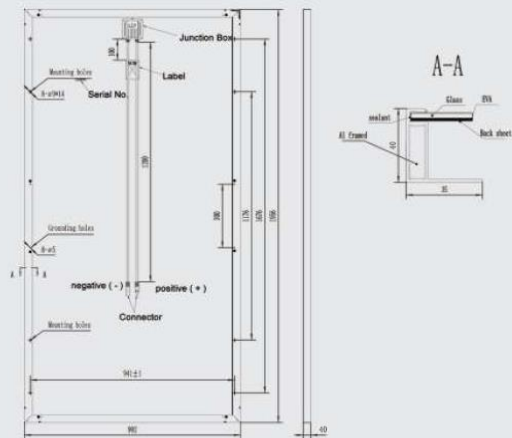
### MECHANICAL SPECIFICATIONS

Dimensions	1957mm / 992mm / 40mm (or 35mm)
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) ≥ IP67
Junction box Ingress Protection	≥ IP67
Hail Test	25mm (Ice-ball diameter) 23m/s (Test velocity)
Maximum System Voltage	1500 V <sub>oc</sub>
Maximum Series Fuse	15A



- Structure parameters are entitled to have slight discrepancies according to the different suppliers appointed by the customers.
- STC: Irradiance 1000 W/m<sup>2</sup>, module temperature 25 °C, AM=1.5
- NOCT: Irradiance 800 W/m<sup>2</sup>, ambient temperature 20 °C, AM=1.5, wind speed 1 m/s

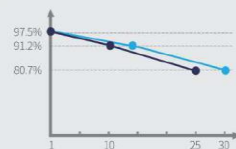
#### PID Reliable long-term operation

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 OHSAS 45001  
IEC61215 IEC61730 IEC62804

