

Half Cell

# 340W-360W

## 72 LAYOUT

MULTICRYSTALLINE MODULE

## 340W-360W

POWER OUTPUT RANGE

## 17.7%

MAXIMUM EFFICIENCY

## 0~+5W

POSITIVE POWER TOLERANCE

Apply to



home roof



ground Power Station



Industrial and Commercial Roofs

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# TECINNOVA

ASIA



### Higher Output of Power

Effectively reduce the unit cost of PV solar system by watt



### Optimize the temperature coefficient

Improve the performance under the condition of shadow and low temperature coefficient



### Reduce the shadow loss on the power output

Effectively reduce the risk of heat spot on high efficiency PV module

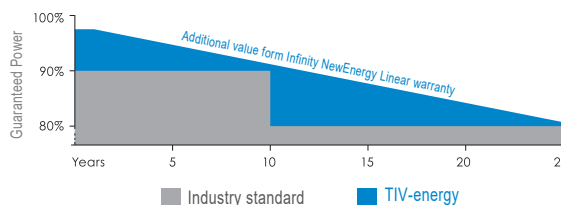


### Stronger the physical property

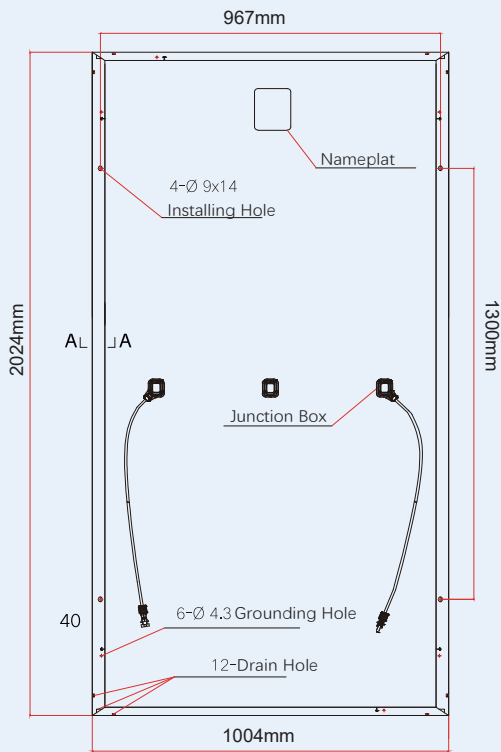
Optimize the property of power generating and reliability of the system

### LINEAR PERFORMANCE WARRANTY

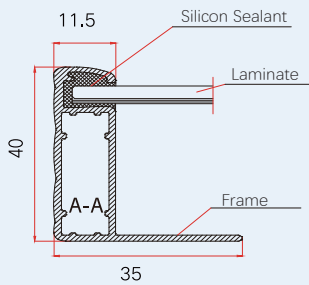
12 Year Product Warranty · 28 Year Linear Power Warranty



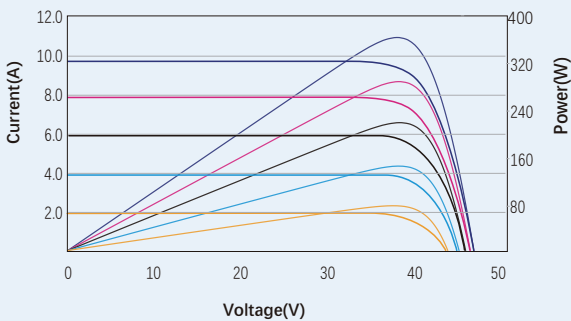
DIMENSIONS OF PV MODULE



Back View



Current-Voltage & Power-Voltage Curves(350W)



MECHANICAL DATA

Solar cells	Multicrystalline 158.75*79.375mm
Cell orientation	144cells (6×24)
Module dimensions	2024×1004×40mm
Weight	22.8kg
Glass	High Transparency, Anti-Reflective, A R Coated and Heat Tempered Solar Glass -3.2mm
Backsheet	White
Frame	Silver Anodized Aluminium Alloy ( Black Available)
J-Box	IP 68 rated
Cables	Photovoltaic Technology cable 4.0 mm <sup>2</sup> , Customized Available
Connector	MC4 compatible

ELECTRICAL DATA @STC

	340	345	350	355	360
STC: Irradiance 1000 W/m <sup>2</sup> , Cell Temperature 25°C, Air Mass AM1.5 according to EN 60904-3. Average efficiency reduction of 4.5% at 200 W/m <sup>2</sup> according to EN 60904-1.					
Open Circuit Voltage-V <sub>oc</sub> (V)	46.2	46.4	46.6	46.8	47.0
Short Circuit Current-I <sub>sc</sub> (A)	9.52	9.60	9.68	9.76	9.84
Maximum Power Voltage-V <sub>MPP</sub> (V)	37.5	37.7	37.9	38.1	38.3
Maximum Power Current-I <sub>MPP</sub> (A)	9.07	9.16	9.24	9.32	9.40
Peak Power Watts-P <sub>MAX</sub> (Wp)	16.7	17.0	17.2	17.5	17.7

ELECTRICAL DATA @NOCT

	NOCT: Irradiance at 800 W/m <sup>2</sup> , Ambient Temperature 20°C, Wind Speed 1 m/s				
Maximum Power-P <sub>MAX</sub> (Wp)	252	256	259	263	267
Maximum Power Voltage-V <sub>MPP</sub> (V)	34.6	34.8	35.0	35.2	35.4
Maximum Power Current-I <sub>MPP</sub> (A)	7.27	7.35	7.41	7.47	7.54
Open Circuit Voltage-V <sub>oc</sub> (V)	43.1	43.3	43.5	43.7	43.9
Short Circuit Current-I <sub>sc</sub> (A)	7.67	7.74	7.80	7.87	7.93

TEMPERATURE RATINGS

Nominal Operating Cell Temperature (NOCT)	44°C (±2°C)	Temperature Coefficient of Voc	-0.29%/°C
Temperature Coefficient of P <sub>MAX</sub>	-0.37%/°C	Temperature Coefficient of I <sub>sc</sub>	0.047%/°C

MAXIMUM RATINGS

Operational Temperature	-40 to +85°C	Max Series Fuse Rating	20A
Maximum System Voltage	1500V DC (IEC/UL)		

WARRANTY

12 year workmanship warranty
28 year linear performance warranty
(Please refer to product warranty for details)