

tiv-energy MODULE

# 335W-355W

## 72 CELL

MULTICRYSTALLINE MODULE

## 335W-355W

POWER OUTPUT RANGE

## 17.9%

MAXIMUM EFFICIENCY

## 0~+5W

POSITIVE POWER TOLERANCE

Apply to



home roof



ground Power Station



Industrial and Commercial Roofs

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# TEGINNOVA

ASIA



### Ideal for large scale installations

- High power footprint reduces installation time & BOS costs



### One of the industry's most trusted modules

- Field proven performance
- Infinity NewEnergy's financial solidity consistently confirmed by banks and investors



### Highly reliable due to stringent quality control

- Over 30 in-house tests(UV,HF,and many more)
- In-house testing goes well beyond certification requirements
- PID resistant

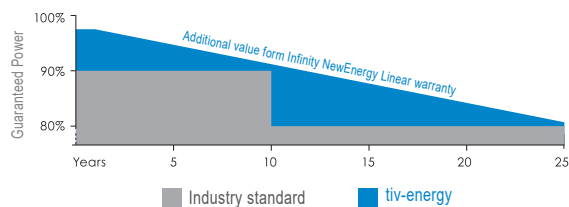


### Certified to withstand challenging environmental conditions

- 2400 Pa wind load
- 5400 Pa snow load

### LINEAR PERFORMANCE WARRANTY

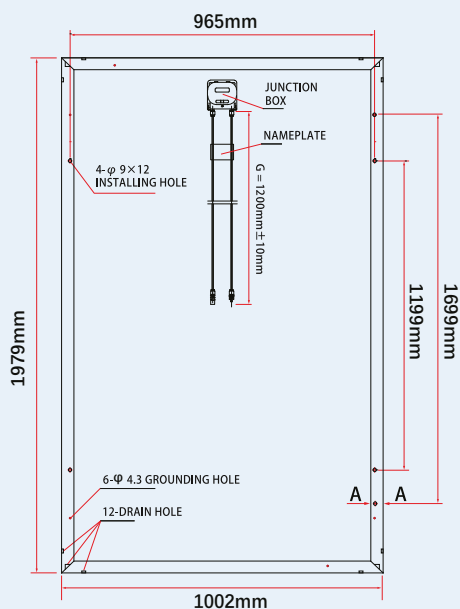
12 Year Product Warranty·28 Year Linear Power Warranty



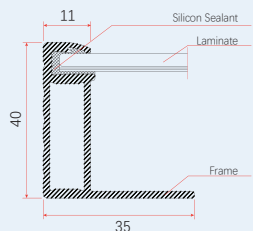
CERTIFICATION



DIMENSIONS OF PV MODULE FLY-6PA

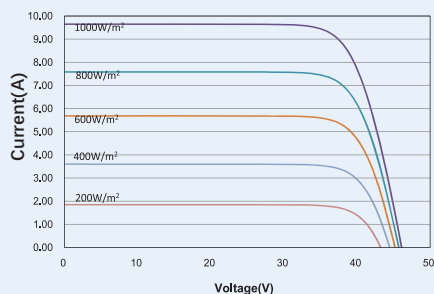


Back View

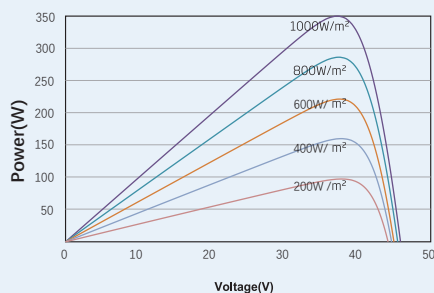


(A-A)

I-V CURVES OF PV MODULE(350W)



P-V CURVES OF PV MODULE(350W)



MECHANICAL DATA

Solar cells	Multicrystalline 158.75 x 158.75 mm
Cell orientation	72 cells (6 x 12)
Module dimensions	1979x 1002 x 40 mm
Weight	22.3 kg
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> , 1200mm(Customized Available)
Connector	MC4 Compatible

ELECTRICAL DATA @STC

335 340 345 350 355

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-Voc(V)	46.0	46.2	46.4	46.6	46.8
Short Circuit Current-Isc (A)	9.44	9.52	9.60	9.68	9.76
Maximum Power Voltage-V <sub>MPP</sub> (V)	37.3	37.5	37.7	37.9	38.1
Maximum Power Current-I <sub>MPP</sub> (A)	8.99	9.07	9.16	9.24	9.32
Module Efficiency (%)	16.9	17.1	17.4	17.6	17.9

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)	248	252	256	259	263
Maximum Power Voltage-V <sub>MPP</sub> (V)	34.4	34.6	34.8	35.0	35.2
Maximum Power Current-I <sub>MPP</sub> (A)	7.20	7.27	7.35	7.41	7.47
Open Circuit Voltage-Voc (V)	42.9	43.1	43.3	43.5	43.7
Short Circuit Current-Isc (A)	7.61	7.67	7.74	7.80	7.87

TEMPERATURE RATINGS

Nominal Operating Cell Temperature (NOCT)	44°C (±2°C)	Temperature Coefficient of Voc	-0.34%/°C
Temperature Coefficient of P <sub>MAX</sub>	-0.42%/°C	Temperature Coefficient of Isc	0.047%/°C

MAXIMUM RATINGS

Operational Temperature	-40 to +85°C	Max Series Fuse Rating	15A
Maximum System Voltage	1500V DC (IEC)		

WARRANTY

12 year workmanship warranty
28 year linear performance warranty

(Please refer to product warranty for details)

DEALER INFORMATION

