

SOLAR MODULE

315W
6PA SERIES
315W-330W

POLYCRYSTALLINE SOLAR MODULE

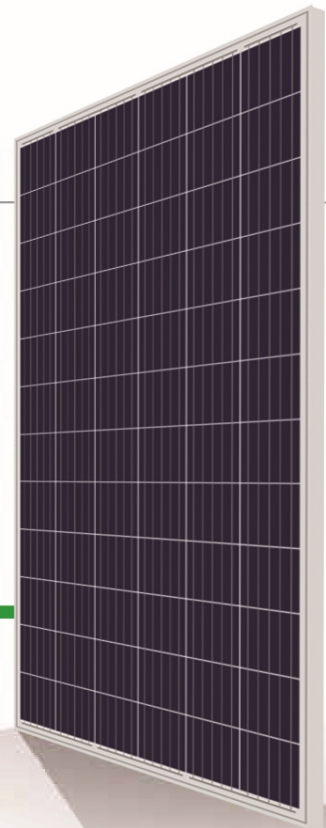
72 CELL
MULTICRYSTALLINE MODULE

315-330W
POWER OUTPUT RANGE

17.0%
MAXIMUM EFFICIENCY

0 to +5W
POSITIVE POWER TOLERANCE

CERTIFICATION



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, TC, HF, and many more)
- In-house testing goes well beyond certification requirements
- PID resistant

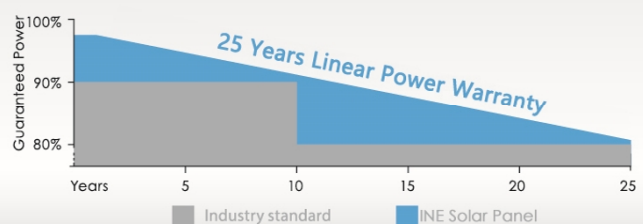


Certified to withstand challenging environmental conditions

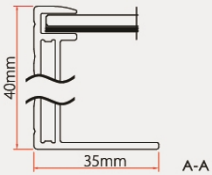
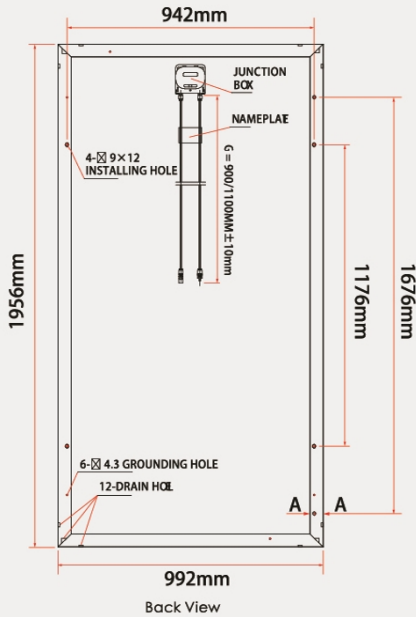
- 2400 Pa wind load
- 5400 Pa snow load
- 25 mm hail stones at 82 km/h

LINEAR PERFORMANCE WARRANTY

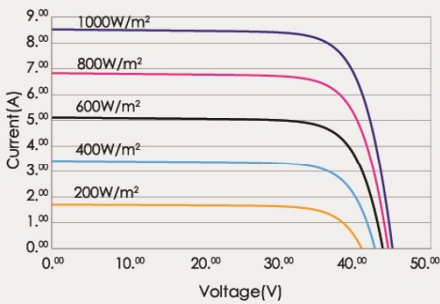
12 Year Product Warranty • 25 Year Linear Power Warranty



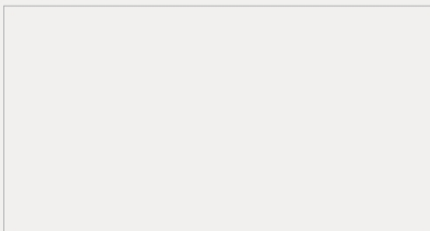
DIMENSIONS OF PV MODULE INE-6PA



I-V CURVES OF PV MODULE INE-6PA



Dealer Information



ELECTRICAL DATA @ STC	INE-315-6PA	INE-320-6PA	INE-325-6PA	INE-330-6PA
Peak Power Watts- P_{MAX} (Wp)	315	320	325	330
Power Output Tolerance- P_{MAX} (W)	0/+5	0/+5	0/+5	0/+5
Maximum Power Voltage- V_{MPP} (V)	37.42	37.43	37.49	37.63
Maximum Power Current- I_{MPP} (A)	8.42	8.55	8.67	8.77
Open Circuit Voltage- V_{oc} (V)	45.47	45.63	45.79	45.95
Short Circuit Current- I_{sc} (A)	8.82	8.92	9.02	9.12
Module Efficiency η_m (%)	16.3	16.5	16.8	17.0

STC: Irradiance 1000 W/m², Cell Temperature 25°C, Air Mass AM1.5 according to EN 60904-3. Average efficiency reduction of 4.5% at 200 W/m² according to EN 60904-1.

ELECTRICAL DATA @ NOCT	INE-315-6PA	INE-320-6PA	INE-325-6PA	INE-330-6PA
Maximum Power- P_{MAX} (Wp)	228	232	235	239
Maximum Power Voltage- V_{MPP} (V)	34	34.19	34.37	34.54
Maximum Power Current- I_{MPP} (A)	6.73	6.80	6.87	6.94
Open Circuit Voltage- U_{oc} (V)	41.84	42.04	42.24	42.44
Short Circuit Current- I_{sc} (A)	7.08	7.14	7.20	7.26

NOCT: Irradiance at 800 W/m², Ambient Temperature 20°C, Wind Speed 1 m/s.

MECHANICAL DATA

Solar cells	Multicrystalline 156 × 156 mm
Cell orientation	72 cells (6 × 12)
Module dimensions	1956 x 992 x 40 mm
Weight	27.6 kg
Glass	High Transparency, Anti-Reflective, AR Coated and Heat Tempered Solar Glass - 4.0mm
Backsheet	White
Frame	Silver Anodized Aluminium Alloy (Black Available)
J-Box	IP 67 rated
Cables	Photovoltaic Technology cable 4.0 mm ² , 900mm(Customized Available)
Connector	MC4 Compatible

TEMPERATURE RATINGS

Nominal Operating Cell Temperature (NOCT)	45°C (±2°K)
Temperature Coefficient of P_{MAX}	- 0.41%/K
Temperature Coefficient of V_{oc}	- 0.32%/K
Temperature Coefficient of I_{sc}	0.05%/K

MAXIMUM RATINGS

Operational Temperature	-40~+85°C
Maximum System Voltage	1000V DC (IEC)
Max Series Fuse Rating	15A
Mechanical Load	5400pa
Wind Load	2400pa

PACKAGING CONFIGURATION

Modules per box: 26 pieces
Modules per 40' container: 572 pieces

WARRANTY

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

INSURANCE

Product liability insurance with CHUBB Group
Product performance(E&O)insurance CHUBB Group