

INFINITY MODULE

260W
6PB SERIES
250W-270W

POLYCRYSTALLINE SOLAR MODULE



60 CELL
MULTICRYSTALLINE MODULE

250-270W
POWER OUTPUT RANGE

16.6%
MAXIMUM EFFICIENCY

0 to +5%
POSITIVE POWER TOLERANCE

CERTIFICATION



www.infinitynewenergy.com



Excellent low light performance on cloudy days, mornings and evenings

- Advanced surface texturing
- Back surface field
- Selective emitter



Maximize Limited Space

- 60-cell module power output up to 265W
- Up to 162W/m² power density



Highly reliable due to stringent quality control

- All modules have to pass electroluminescence (EL) inspection
- Over 30 in-house tests (UV, TC, HF, and many more)
- In-house testing goes well beyond certification requirements
- PID resistant

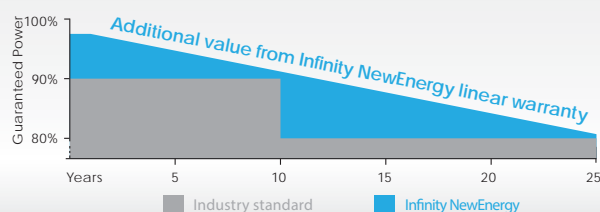


Certified to withstand challenging environmental conditions

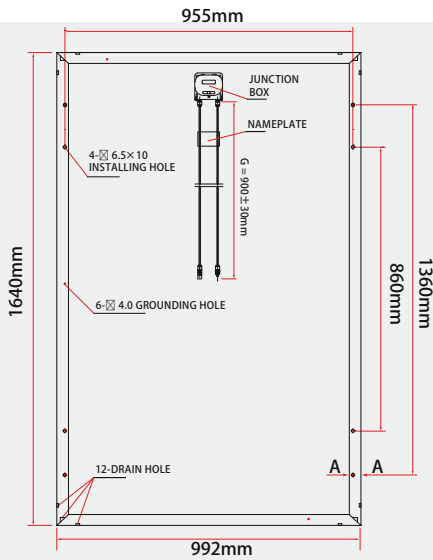
- 130 km/h wind load (2400 Pa)
- 900 kg snow load per module (5400 Pa)
- 35 mm hail stones at 97 km/h

LINEAR PERFORMANCE WARRANTY

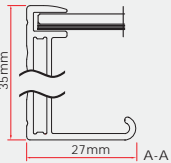
12 Year Product Warranty • 25 Year Linear Power Warranty



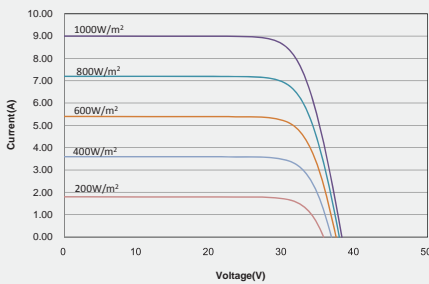
DIMENSIONS OF PV MODULE INE-6PB



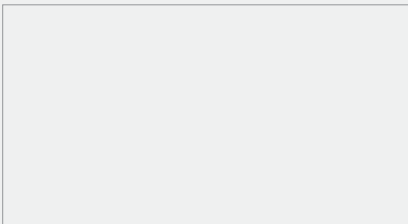
Back View



I-V CURVES OF PV MODULE INE-6PB



Dealer Information



ELECTRICAL DATA @ STC	INE-255-6PB	INE-260-6PB	INE-265-6PB	INE-270-6PB
Peak Power Watts- P_{MAX} (Wp)	255	255	260	265
Power Output Tolerance- P_{MAX} (%)	0/+5	0/+5	0/+5	0/+5
Maximum Power Voltage- V_{MPP} (V)	30.5	30.6	30.8	30.8
Maximum Power Current- I_{MPP} (A)	8.37	8.50	8.61	8.77
Open Circuit Voltage- V_{OC} (V)	38.1	38.2	38.3	38.6
Short Circuit Current- I_{SC} (A)	8.88	9.00	9.10	9.23
Module Efficiency η_m (%)	15.6	15.9	16.2	16.6

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-255-6PB	INE-260-6PB	INE-265-6PB	INE-270-6PB
Maximum Power- P_{MAX} (Wp)	186	190	193	197
Maximum Power Voltage- U_{MPP} (V)	28.0	28.1	28.3	28.4
Maximum Power Current- I_{MPP} (A)	6.65	6.74	6.84	6.93
Open Circuit Voltage- U_{OC} (V)	35.2	35.3	35.4	35.5
Short Circuit Current- I_{SC} (A)	7.10	7.17	7.27	7.35

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

MECHANICAL DATA

Solar Cells	Multicrystalline 156 x 156 mm
Cell Orientation	60 cells (6 x 10)
Module Dimensions	1640 x 992 x 35 mm
Weight	18.0 kg
Glass	High Transparency, Anti-Reflective, AR Coated and Heat Tempered Solar Glass - 3.2mm
Backsheet	White
Frame	Silver Anodized Aluminium Alloy
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)	44°C (±2K)
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 to +85°C
Maximum System Voltage	1000V DC (IEC)
Max Series Fuse Rating	15A
Mechanical Load	5400pa
Wind Load	2400pa

PACKAGING CONFIGURATION

Modules per box:	30 pieces
Modules per 40' container:	840 pieces

WARRANTY

12 year Product 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	