

INFINITY MODULE IN BLACK

260W
6MB-B SERIES
260W-270W

MONOCRYSTALLINE SOLAR MODULE



60 CELL
MONOCRYSTALLINE MODULE

260W-270W
POWER OUTPUT RANGE

16.5%
MAXIMUM EFFICIENCY

0 to +5%
POSITIVE POWER TOLERANCE

CERTIFICATION



www.infinitynewenergy.com



Great aesthetics for dark roofs

- Dark mono cells
- Black frame and backsheet



Maximize Limited Space with high efficiency

- Up to 165 W/m² power density
- Low thermal coefficients for greater energy production at high operating temperatures



Excellent low light performance on cloudy days, mornings and evenings

- Advanced surface texturing
- Back surface field
- Selective emitter



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

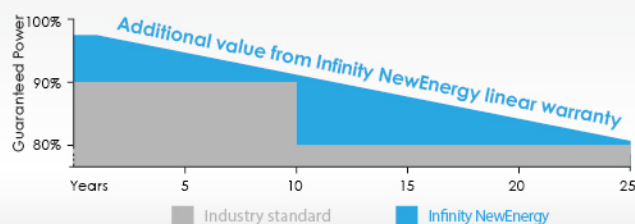


Certified to withstand challenging environmental conditions

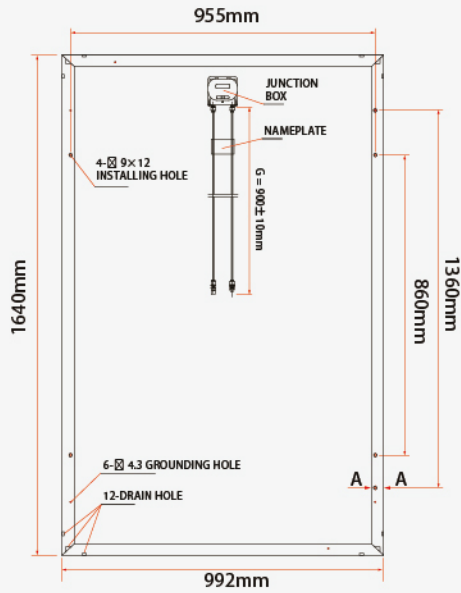
- 35 mm hail stones at 97 km/h

LINEAR PERFORMANCE WARRANTY

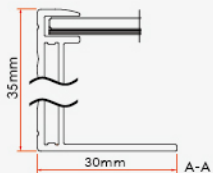
12 Year Product Warranty • 25 Year Linear Power Warranty



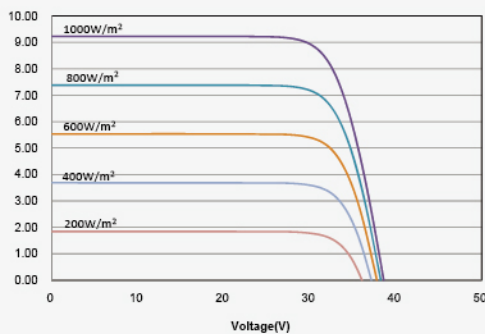
DIMENSIONS OF PV MODULE INE-6MB-B



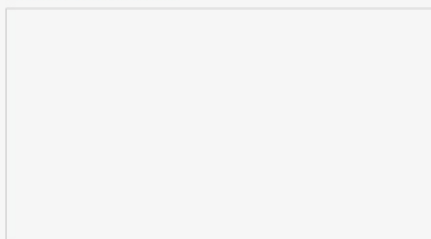
Back View



I-V CURVES OF PV MODULE INE-6MB-B



Dealer Information



ELECTRICAL DATA @ STC	INE-260-6MB-B	INE-265-6MB-B	INE-270-6MB-B
Peak Power Watts-P _{MAX} (Wp)	260	265	270
Power Output Tolerance-P _{MAX} (%)	0/+5	0/+5	0/+5
Maximum Power Voltage-V _{MPP} (V)	30.7	30.7	30.8
Maximum Power Current-I _{MPP} (A)	8.49	8.63	8.77
Open Circuit Voltage-V _{OC} (V)	38.5	38.5	38.6
Short Circuit Current-I _{SC} (A)	9.01	9.10	9.23
Module Efficiency η_m (%)	15.9	16.2	16.5

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-260-6MB-B	INE-265-6MB-B	INE-270-6MB-B
Maximum Power-P _{MAX} (Wp)	194	197	201
Maximum Power Voltage-U _{MPP} (V)	28.4	28.5	28.6
Maximum Power Current-I _{MPP} (A)	6.82	6.92	7.02
Open Circuit Voltage-U _{OC} (V)	35.7	35.8	35.8
Short Circuit Current-I _{SC} (A)	7.28	7.35	7.45

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

MECHANICAL DATA

Solar Cells	Monocrystalline 156 x 156 mm
Cell Orientation	60 cells (6 x 10)
Module Dimensions	1640 x 992 x 35 mm
Weight	18.2 kg
Glass	High Transparency, Anti-Reflective, AR Coated and Heat Tempered Solar Glass - 3.2mm
Backsheet	Black
Frame	Black 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 (\pm 2K)
Temperature Coefficient of P _{MAX}	- 0.40%/K
Temperature Coefficient of V _{OC}	- 0.31%/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: 30pieces
Modules per 40' container: 840pieces

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