

Mono

Multi

Solutions

SOLAR MODULE

275W
6PB SERIES
260W-275W

POLYCRYSTALLINE SOLAR MODULE

60 CELL

MULTICRYSTALLINE MODULE

260-275W

POWER OUTPUT RANGE

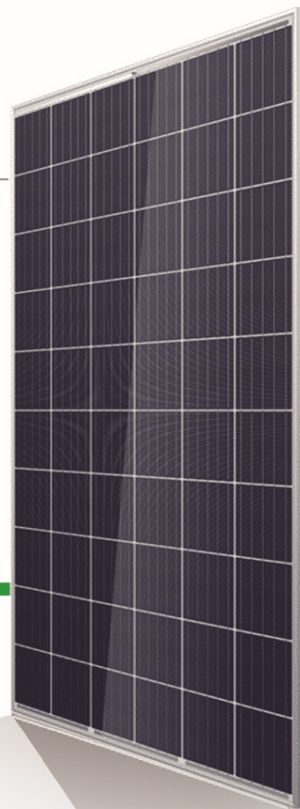
17.0%

MAXIMUM EFFICIENCY

0 to 5W

POSITIVE POWER TOLERANCE

CERTIFICATION



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 275W
- 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

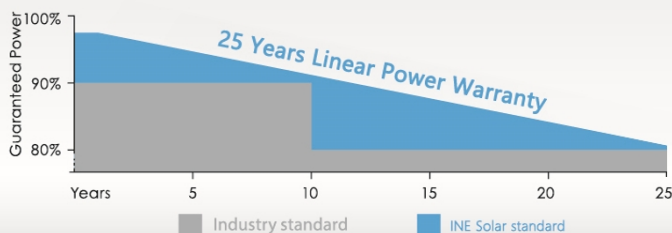


Certified to withstand challenging environmental conditions

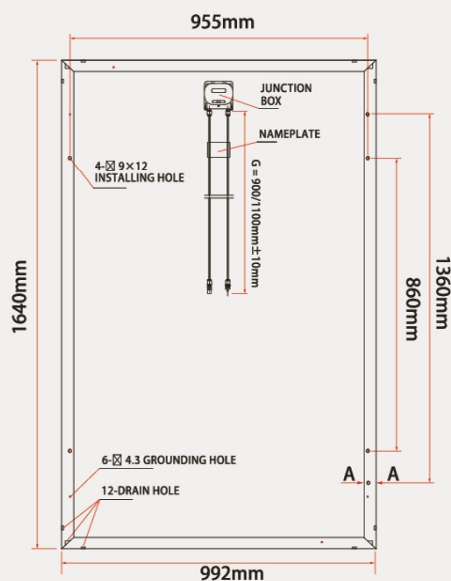
- 130 km/h wind load (2400 Pa)
- 900 kg snow load per module (5400 Pa)
- 35 mm hail stones at 97 km/h

LINEAR PERFORMANCE WARRANTY

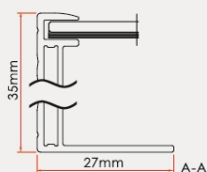
12 Year Product Warranty • 25 Year Linear Power Warranty



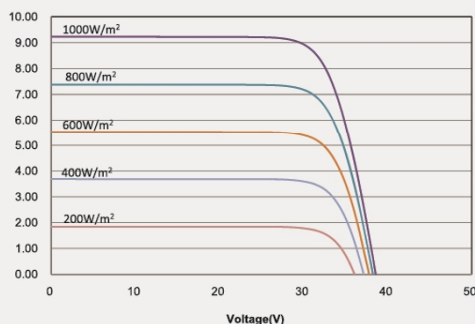
DIMENSIONS OF PV MODULE INE-6PB



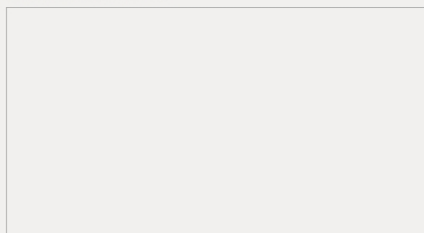
Back View



I-V CURVES OF PV MODULE INE-6PB



Dealer Information



ELECTRICAL DATA @ STC

	INE-260-6PB	INE-265-6PB	INE-270-6PB	INE-275-6PB
Peak Power Watts- P_{MAX} (Wp)	260	265	270	275
Power Output Tolerance- P_{MAX} (W)	0/+5	0/+5	0/+5	0/+5
Maximum Power Voltage- V_{MPP} (V)	31.12	31.49	31.72	31.99
Maximum Power Current- I_{MPP} (A)	8.36	8.42	8.52	8.60
Open Circuit Voltage- V_{OC} (V)	37.8	37.95	38.10	38.25
Short Circuit Current- I_{SC} (A)	8.74	8.80	8.86	8.92
Module Efficiency η_m (%)	15.9	16.2	16.5	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-260-6PB	INE-265-6PB	INE-270-6PB	INE-275-6PB
Maximum Power- P_{MAX} (Wp)	188	192	196	199
Maximum Power Voltage- U_{MPP} (V)	28.07	28.29	28.49	28.68
Maximum Power Current- I_{MPP} (A)	6.72	6.80	6.88	6.96
Open Circuit Voltage- U_{OC} (V)	34.6	34.84	35.15	35.46
Short Circuit Current- I_{SC} (A)	7.10	7.13	7.17	7.23

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	18.2 kg
Glass	High Transparency, Anti-Reflective, AR Coated and Heat Tempered Solar Glass - 3.2mm
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)	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	

WUXI PRODUCTION BASE

Add.:NO.18 Yangqiao Road, Huishan District, Wuxi City