

Half Cell

340W-360W

72 LAYOUT

MULTICRYSTALLINE MODULE

340W-360W

POWER OUTPUT RANGE

17.7%

MAXIMUM EFFICIENCY

0~+5W

POSITIVE POWER TOLERANCE

Apply to



home roof



ground Power Station



Industrial and Commercial Roofs



E:info@inesolar.com
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Higher Output of Power

Effectively reduce the unit cost of PV solar system by watt



Optimize the temperature coefficient

Improve the performance under the condition of shadow and low temperature coefficient



Reduce the shadow loss on the power output

Effectively reduce the risk of heat spot on high efficiency PV module

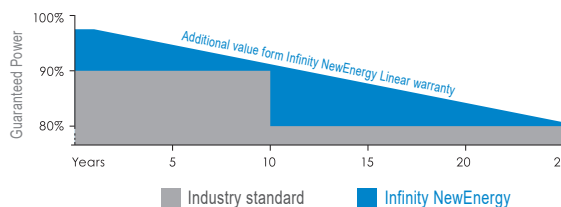


Stronger the physical property

Optimize the property of power generating and reliability of the system

LINEAR PERFORMANCE WARRANTY

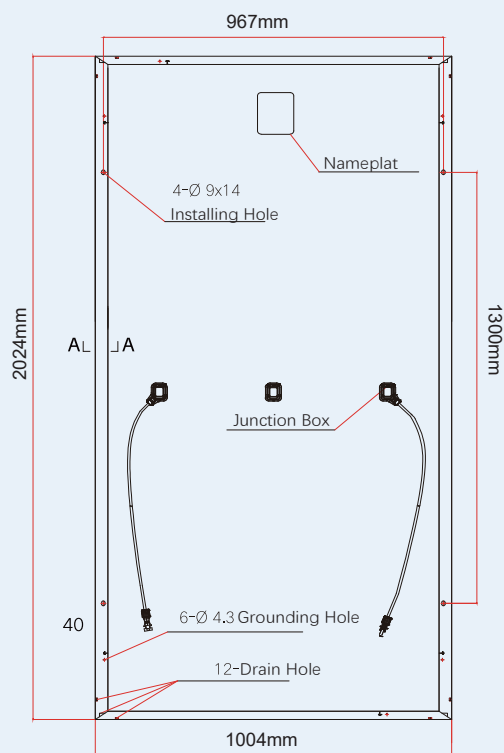
10 Year Product Warranty-25 Year Linear Power Warranty



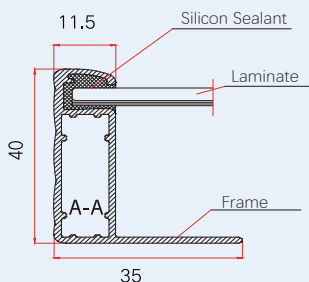
认证



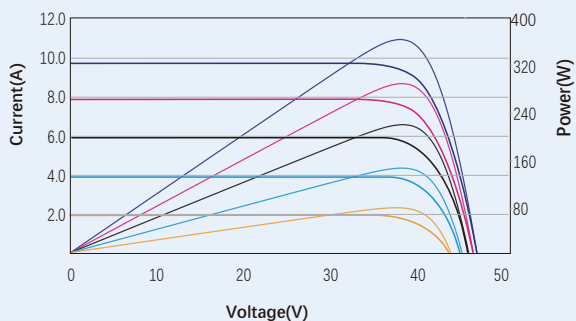
DIMENSIONS OF PV MODULE



Back View



Current-Voltage & Power-Voltage Curves(350W)



MECHANICAL DATA

Solar cells	Multicrystalline 158.75*79.375mm
Cell orientation	144cells (6×24)
Module dimensions	2024×1004×40mm
Weight	22.8kg
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 ² , Customized Available
Connector	MC4 compatible

ELECTRICAL DATA@STC

	340	345	350	355	360
STC: Irradiance 1000 W/m ² , Cell Temperature 25°C, Air Mass AM1.5 according to EN 60904-3. Average efficiency reduction of 4.5% at 200 W/m ² according to EN 60904-1.					
Open Circuit Voltage-V _{oc} (V)	46.2	46.4	46.6	46.8	47.0
Short Circuit Current-I _{sc} (A)	9.52	9.60	9.68	9.76	9.84
Maximum Power Voltage-V _{MPP} (V)	37.5	37.7	37.9	38.1	38.3
Maximum Power Current-I _{MPP} (A)	9.07	9.16	9.24	9.32	9.40
Peak Power Watts-P _{MAX} (Wp)	16.7	17.0	17.2	17.5	17.7

ELECTRICAL DATA@NOCT

NOCT: Irradiance at 800 W/m ² , Ambient Temperature 20°C, Wind Speed 1 m/s					
Maximum Power-P _{MAX} (Wp)	252	256	259	263	267
Maximum Power Voltage-V _{MPP} (V)	34.6	34.8	35.0	35.2	35.4
Maximum Power Current-I _{MPP} (A)	7.27	7.35	7.41	7.47	7.54
Open Circuit Voltage-V _{oc} (V)	43.1	43.3	43.5	43.7	43.9
Short Circuit Current-I _{sc} (A)	7.67	7.74	7.80	7.87	7.93

TEMPERATURE RATINGS

Nominal Operating Cell Temperature (NOCT)	44°C (±2°C)	Temperature Coefficient of Voc	-0.29%/°C
Temperature Coefficient of P _{MAX}	-0.37%/°C	Temperature Coefficient of I _{sc}	0.047%/°C

MAXIMUM RATINGS

Operational Temperature	-40 to +85°C	Max Series Fuse Rating	20A
Maximum System Voltage	1500V DC (IEC/UL)		

WARRANTY

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

