

INE-72PH SERIES 6 INCH 144 CELLS

340-360w

PRODUCT CERTIFICATES



KEY FEATURES

0~3% Output positive tolerance/Guaranteed 0~3% positive tolerance ensures the power output reliability

HALF CELL Half-cell technology/New circuit design, lower internal current, lower Rs loss

PID Anti PID technology/Excellent Anti-PID performance

NEW IEC Tested and certified according IEC standard /IEC61215/IEC61730 standard quality

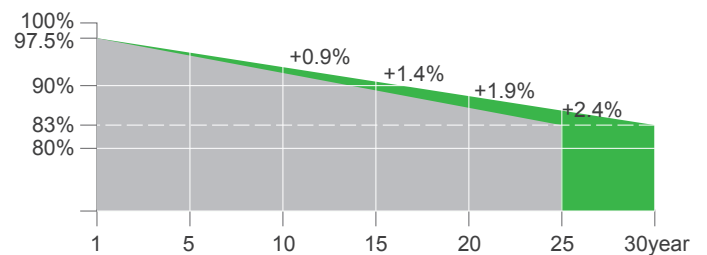
✓ Highly reliable due to stringent quality control/Three times strict EL testing beyond certification requirements

⊖ Lower temperature coefficients/Outstanding power output capability at low irradiance

SYSTEM CERTIFICATES

IEC 61215 / IEC 61730
 ISO 9001 : Quality Management System
 ISO 14001 : Environment Mangement System
 OHSAS 18001 : Occupational Health and Safety Management System

WARRANTY



12 years 12-year Warranty for Materials and Processing

30 years 30-year Warranty for Extra Linear Power Output

ELECTRICAL PARAMETERS AT STC

Module Type	INE-340-72PH	INE-345-72PH	INE-350-72PH	INE-355-72PH	INE-360-72PH
Rated Maximum Power(Pmax) [W]	340	345	350	355	360
Open Circuit Voltage(Voc) [V]	46.2	46.4	46.6	46.8	47.0
Maximum Power Voltage(Vmp) [V]	38.9	39.0	39.2	39.4	39.6
Short Circuit Current(Isc) [A]	9.35	9.43	9.51	9.59	9.67
Maximum Power Current(Imp) [A]	8.74	8.86	8.94	9.02	9.10
Module Efficiency [%]	17.2	17.4	17.7	17.9	18.2

STC: Irradiance 1000 W/m² module temperature 25°C AM=1.5

ELECTRICAL PARAMETERS AT NOCT

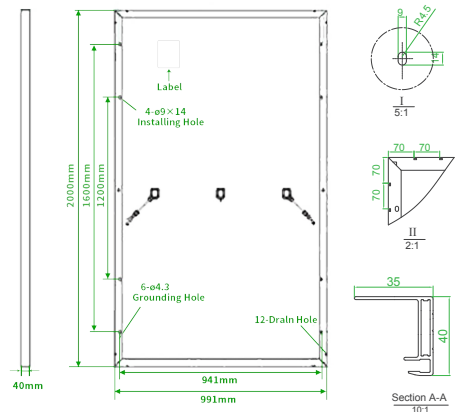
Module Type	INE-340-72PH	INE-345-72PH	INE-350-72PH	INE-355-72PH	INE-360-72PH
Rated Maximum Power(Pmax) [W]	251	255	259	263	266
Open Circuit Voltage(Voc) [V]	43.1	43.3	43.5	43.7	43.9
Maximum Power Voltage(Vmp) [V]	35.4	35.6	35.8	36.0	36.1
Short Circuit Current(Isc) [A]	7.55	7.61	7.68	7.74	7.80
Maximum Power Current(Imp) [A]	7.09	7.17	7.24	7.29	7.37

NOCT: Irradiance 800 W/m² ambient temperature 20°C wind speed: 1m/s

MECHANICAL SPECIFICATION

Cell Type	Monocrystalline
Cell Dimensions	156.75*156.75mm(6inch)
Cell Arrangement	144(6*24)
Weight	22.5kg
Module Dimensions	2000*991*40mm
Cable	4.0 mm ² , wire length: 900 mm or Customized Length
Front Glass	3.2 mm AR coating tempered glass, low iron
Frame	Anodized aluminium alloy
Junction Box	IP67/IP68
Connector	MC4 Compatible
Mechanical Load	Front side 5400Pa/ Rear side 2400Pa

Technical drawing(INE-XXX-72PH)



* All Dimensions in mm.

* The above drawing is a graphical representation of the product.

For engineering quality drawings please contact IDEAL NEW ENERGY.

OPERATING CONDITIONS

Power Tolerance (W)	(0, +4.99)
Maximum System Voltage (V)	1000VDC / 1500VDC
Pmax Temperature Coefficient	-0.36 %/°C
Voc Temperature Coefficient	-0.28%/°C
Isc Temperature Coefficient	+0.05 %/°C
Nominal Operating Cell Temperature	45±2 °C
Operating Temperature	-40°C-+85°C
Maximum Series Fuse	20A

PACKING CONFIGURATION

Quantity/Pallet	27pcs/pallet
Pallets/Container	10pallet/20GP; 22pallet/40HQ
Quantity/Container	270pcs/20GP; 642pcs/40HQ

I-V Curve

