

INE-60MH SERIES 6 INCH 120 CELLS

310-330w

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

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

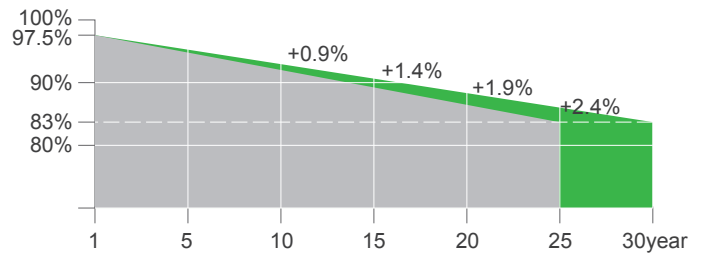
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Lower temperature coefficients/Outstanding power output capability at low irradiance

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-310-60MH	INE-315-60MH	INE-320-60MH	INE-325-60MH	INE-330-60MH
Rated Maximum Power(Pmax) [W]	310	315	320	325	330
Open Circuit Voltage(Voc) [V]	39.61	39.93	40.22	40.56	40.84
Maximum Power Voltage(Vmp) [V]	32.78	33.07	33.34	33.65	33.91
Short Circuit Current(Isc) [A]	10.03	10.10	10.16	10.22	10.29
Maximum Power Current(Imp) [A]	9.46	9.53	9.60	9.66	9.74
Module Efficiency [%]	18.6	18.9	19.2	19.5	19.8

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

ELECTRICAL PARAMETERS AT NOCT

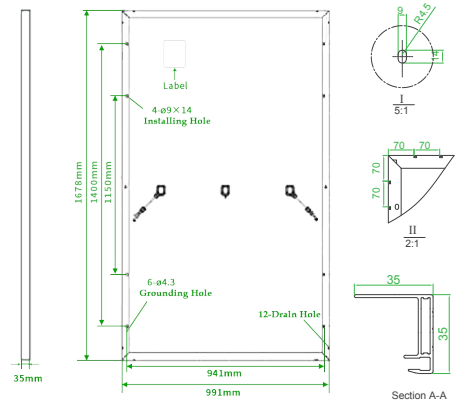
Module Type	INE-310-60MH	INE-315-60MH	INE-320-60MH	INE-325-60MH	INE-330-60MH
Rated Maximum Power(Pmax) [W]	229	233	237	241	244
Open Circuit Voltage(Voc) [V]	36.61	36.93	37.15	37.38	37.65
Maximum Power Voltage(Vmp) [V]	32.77	33.06	33.31	33.54	33.82
Short Circuit Current(Isc) [A]	8.02	8.08	8.14	8.20	8.25
Maximum Power Current(Imp) [A]	7.00	7.05	7.11	7.17	7.22

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	120(6*20)
Weight	18.5kg
Module Dimensions	1678*991*35mm
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-60MH)



* 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	30pcs/pallet
Pallets/Container	12pallet/20GP; 26pallet/40HQ
Quantity/Container	360pcs/20GP; 850pcs/40HQ

I-V Curve

