

INE-60MH SERIES 6 INCH 120 CELLS

355-375w

PRODUCT CERTIFICATES



KEY FEATURES

0~3%

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

9BB
166MM

9BB half-cut 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

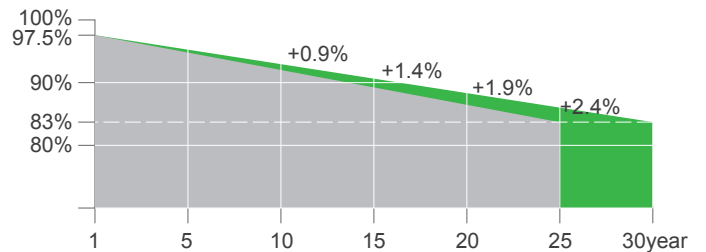


Lower temperature coefficients/Outstanding power output capability at low irradiance

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-355-60MH	INE-360-60MH	INE-365-60MH	INE-370-60MH	INE-375-60MH
Rated Maximum Power(Pmax) [W]	355	360	365	370	375
Open Circuit Voltage(Voc) [V]	39.80	40.14	40.41	40.75	41.05
Maximum Power Voltage(Vmp) [V]	33.37	33.59	33.81	34.03	34.25
Short Circuit Current(Isc) [A]	11.15	11.21	11.29	11.35	11.42
Maximum Power Current(Imp) [A]	10.64	10.72	10.80	10.87	10.95
Module Efficiency [%]	19.20	19.50	19.70	20.00	20.30

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

ELECTRICAL PARAMETERS AT NOCT

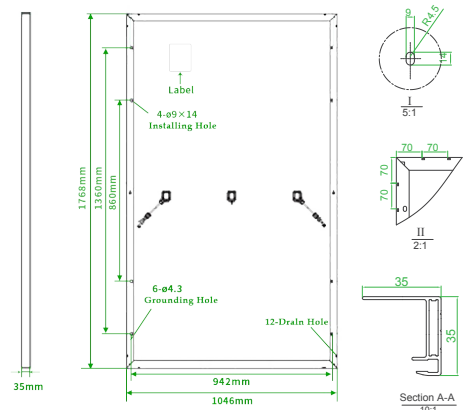
Module Type	INE-355-60MH	INE-360-60MH	INE-365-60MH	INE-370-60MH	INE-375-60MH
Rated Maximum Power(Pmax) [W]	265	269	272	276	280
Open Circuit Voltage(Voc) [V]	37.42	37.74	37.99	38.41	38.59
Maximum Power Voltage(Vmp) [V]	30.99	31.22	31.45	31.62	31.96
Short Circuit Current(Isc) [A]	8.97	9.02	9.07	9.17	9.19
Maximum Power Current(Imp) [A]	8.54	8.60	8.65	8.71	8.75

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

MECHANICAL SPECIFICATION

Cell Type	Monocrystalline
Cell Dimensions	166*83mm
Cell Arrangement	120(6*20)
Weight	20kg
Module Dimensions	1768*1046*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; 822pcs/40HQ

I-V Curve

