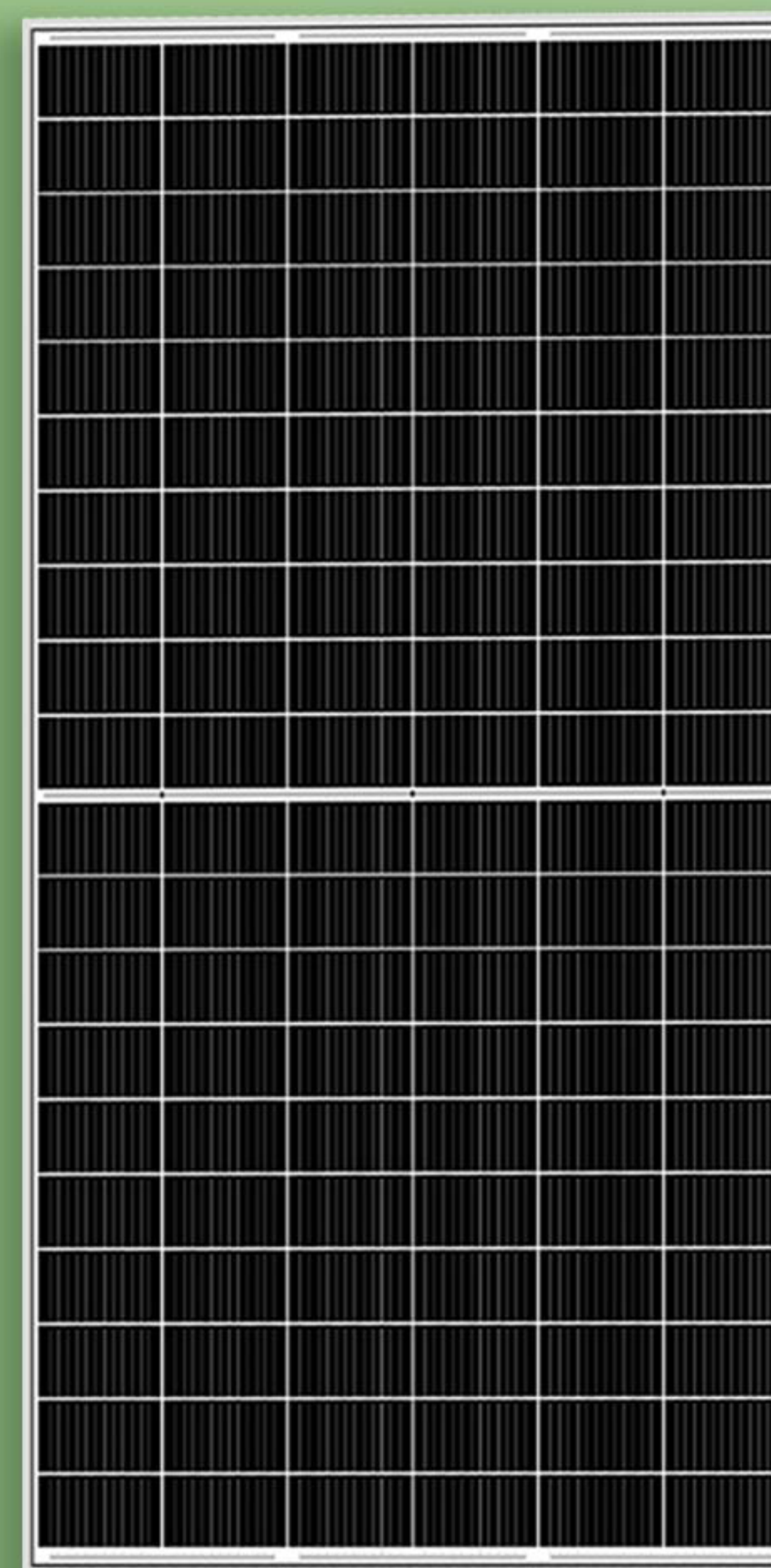


INE-60MH SERIES 210 MM 120 CELLS

585-605w



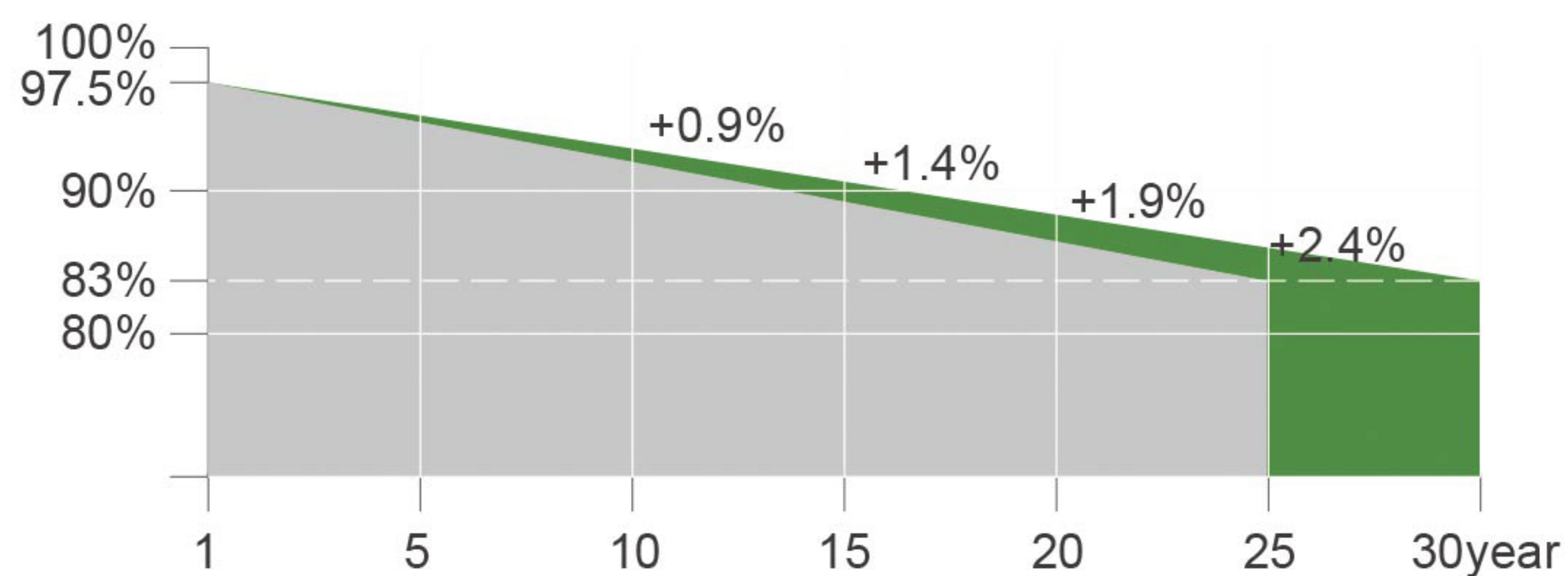
PRODUCT CERTIFICATES



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



INE-60MH SERIES 210MM 120 CELLS

ELECTRICAL PARAMETERS AT STC

Module Type	INE-585-60MH	INE-590-60MH	INE-595-60MH	INE-600-60MH	INE-605-60MH
Rated Maximum Power(Pmax) [W]	585	590	595	600	605
Open Circuit Voltage(Voc) [V]	40.90	41.10	41.30	41.50	41.70
Maximum Power Voltage(Vmp) [V]	33.80	34.0	34.20	34.40	34.60
Short Circuit Current(Isc) [A]	18.37	18.42	18.47	18.52	18.57
Maximum Power Current(Imp) [A]	17.31	17.35	17.40	17.44	17.49
Module Efficiency [%]	20.7	20.9	21.0	21.2	21.4

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

ELECTRICAL PARAMETERS AT NOCT

Module Type	INE-585-60MH	INE-590-60MH	INE-595-60MH	INE-600-60MH	INE-605-60MH
Rated Maximum Power(Pmax) [W]	443	447	451	454	458
Open Circuit Voltage(Voc) [V]	38.50	38.70	38.90	39.10	39.30
Maximum Power Voltage(Vmp) [V]	31.50	31.70	31.90	32.0	32.20
Short Circuit Current(Isc) [A]	14.81	14.85	14.88	14.92	14.96
Maximum Power Current(Imp) [A]	14.05	14.09	14.13	14.18	14.22

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





MECHANICAL SPECIFICATION

Cell Type	Monocrystalline
Cell Dimensions	210mm
Cell Arrangement	120(6*20)
Weight	30.9kg
Module Dimensions	2172*1303*35mm
Cable	4.0 mm ² , wire length: 300 mm or Customized length
Front Glass	3.2 mm AR coating tempered glass, Low iron, High transparency
Frame	Anodized aluminium alloy
Junction Box	IP68
Connector	MC4 / EVO2
Mechanical Load	Front side 5400Pa/ Rear side 2400Pa

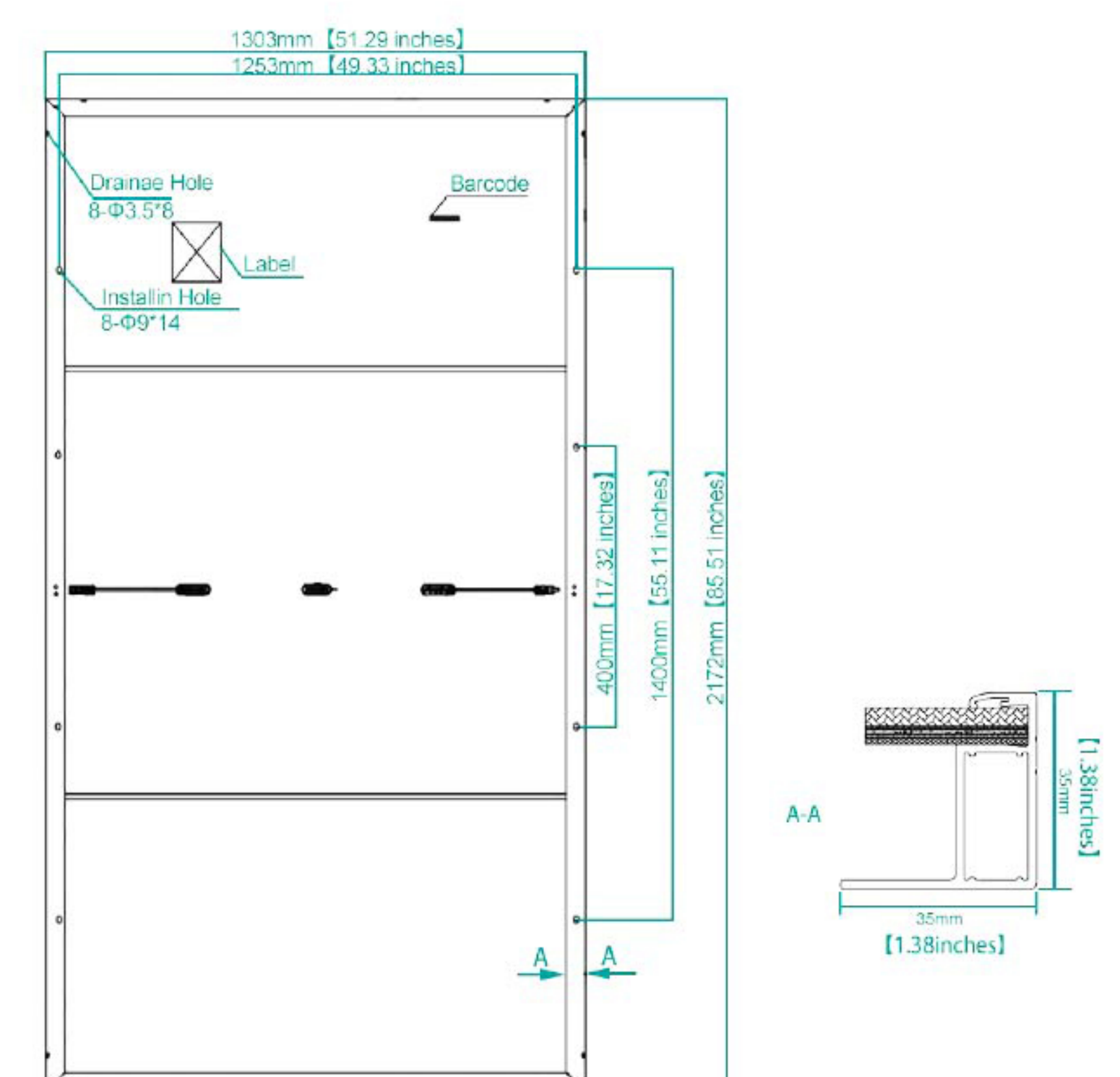
OPERATING CONDITIONS

Power Tolerance (W)	(0,+4.99)
Maximum System Voltage (V)	1500VDC
Pmax Temperature Coefficient	-0.34 %/°C
Voc Temperature Coefficient	-0.25%/°C
Isc Temperature Coefficient	+0.04 %/°C
Nominal Operating Cell Temperature	45±2 °C
Operating Temperature	-40°C-+85°C
Maximum Series Fuse	30A

PACKING CONFIGURATION

Packaging Material	Wooden Pallet/Carton
Quantity/Pallet	31pcs/pallet
Quantity/Container	558pcs/40HQ

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.

I-V Curve

