

INE-75MH SERIES 210MM 150 CELLS

# 485-505w



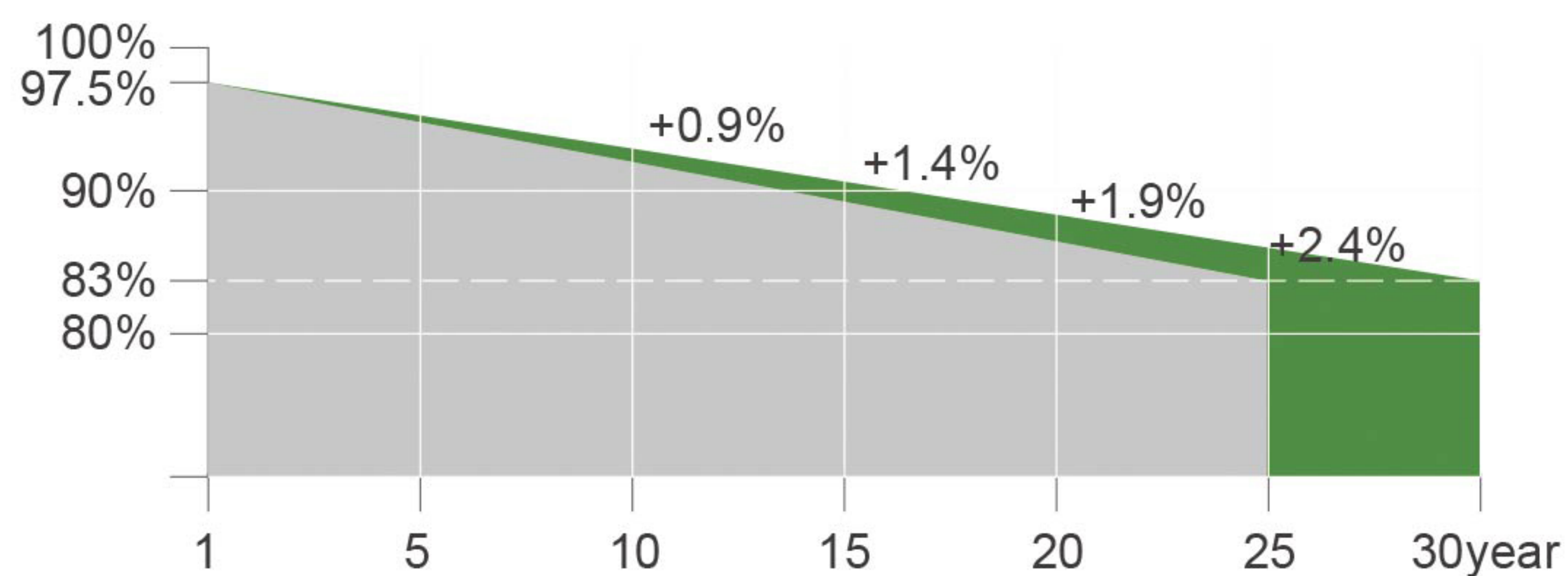
PRODUCT CERTIFICATES



## 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-75MH SERIES 210MM 150CELLS

### ELECTRICAL PARAMETERS AT STC

Module Type	INE-485-75MH	INE-490-75MH	INE-495-75MH	INE-500-75MH	INE-505-75MH
Rated Maximum Power(Pmax) [W]	485	490	495	500	505
Open Circuit Voltage(Voc) [V]	51.10	51.30	51.50	51.70	51.90
Maximum Power Voltage(Vmp) [V]	42.20	42.40	42.60	42.80	43.00
Short Circuit Current(Isc) [A]	12.07	12.14	12.21	12.28	12.35
Maximum Power Current(Imp) [A]	11.49	11.56	11.63	11.69	11.75
Module Efficiency [%]	20.3	20.5	20.7	20.9	21.1

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

### ELECTRICAL PARAMETERS AT NOCT

Module Type	INE-485-75MH	INE-490-75MH	INE-495-75MH	INE-500-75MH	INE-505-75MH
Rated Maximum Power(Pmax) [W]	367	371	375	379	382
Open Circuit Voltage(Voc) [V]	48.20	48.40	48.60	48.80	49.00
Maximum Power Voltage(Vmp) [V]	39.80	40.00	40.20	40.40	40.60
Short Circuit Current(Isc) [A]	9.72	9.77	9.83	9.89	9.94
Maximum Power Current(Imp) [A]	9.20	9.26	9.32	9.37	9.43

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

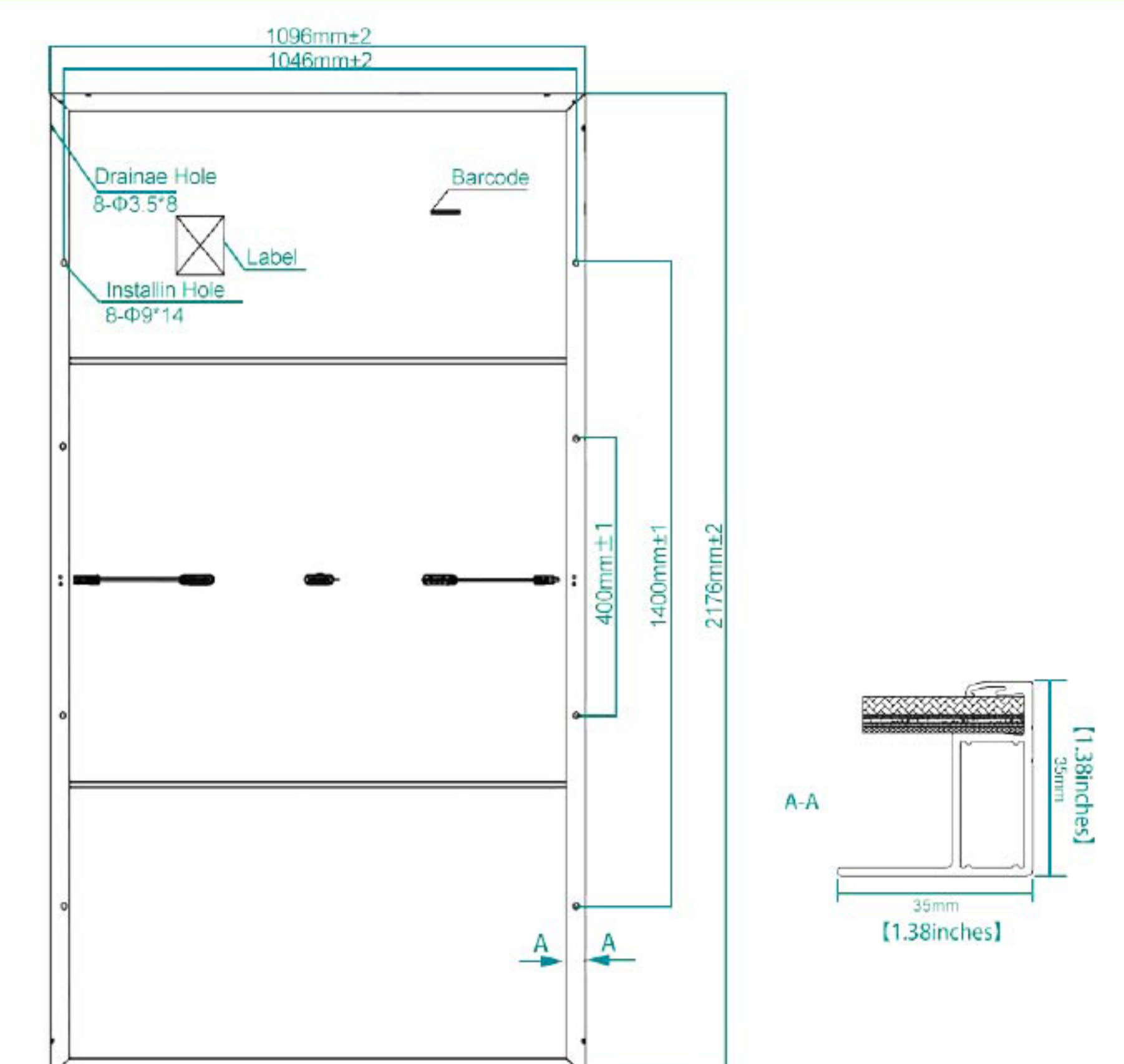




## MECHANICAL SPECIFICATION

Cell Type	Monocrystalline
Cell Dimensions	210mm
Cell Arrangement	150(5*30)
Weight	26.3kg
Module Dimensions	2176*1096*35mm
Cable	4.0 mm <sup>2</sup> , 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

## Technical drawing(INE-XXX-75MH)



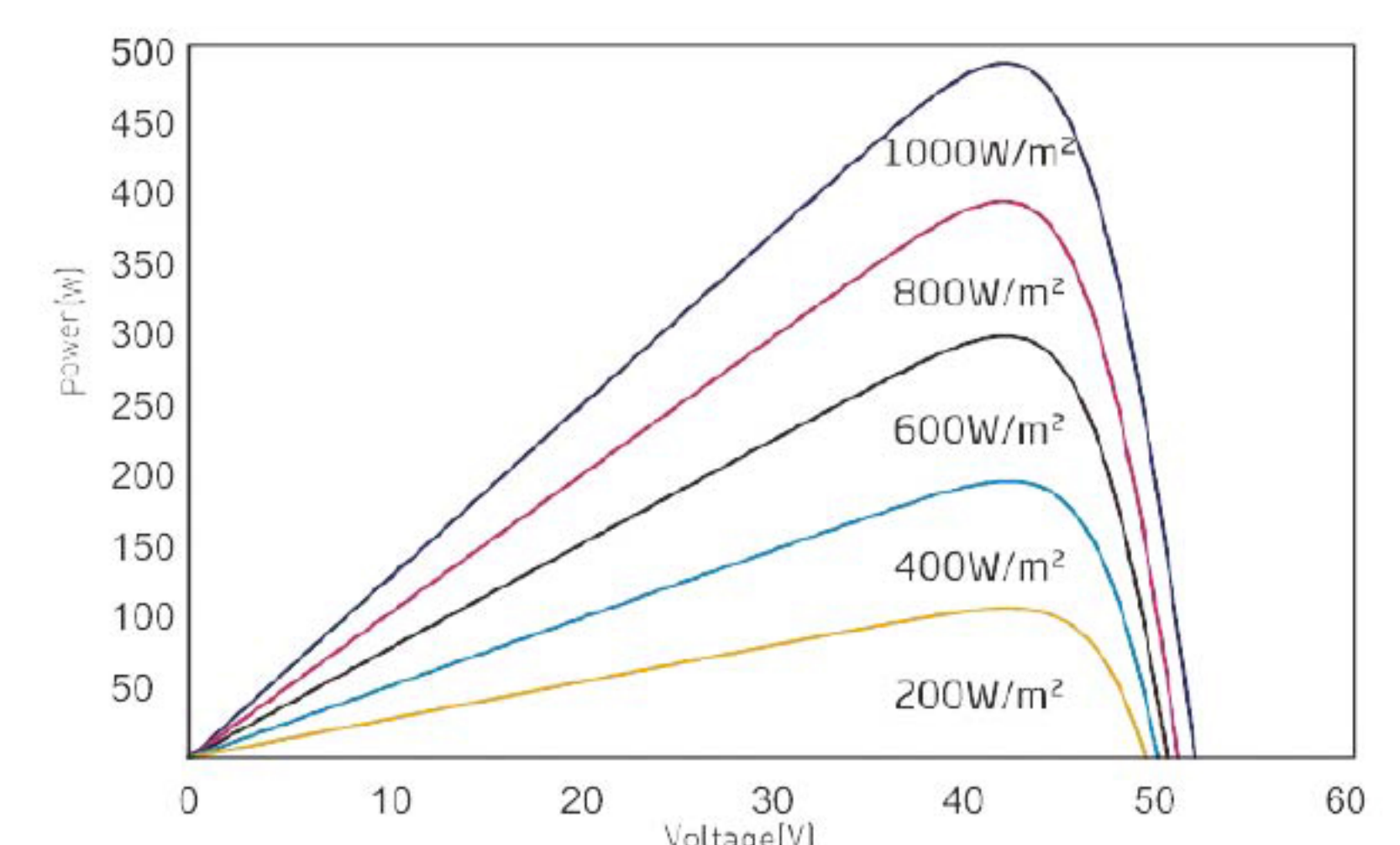
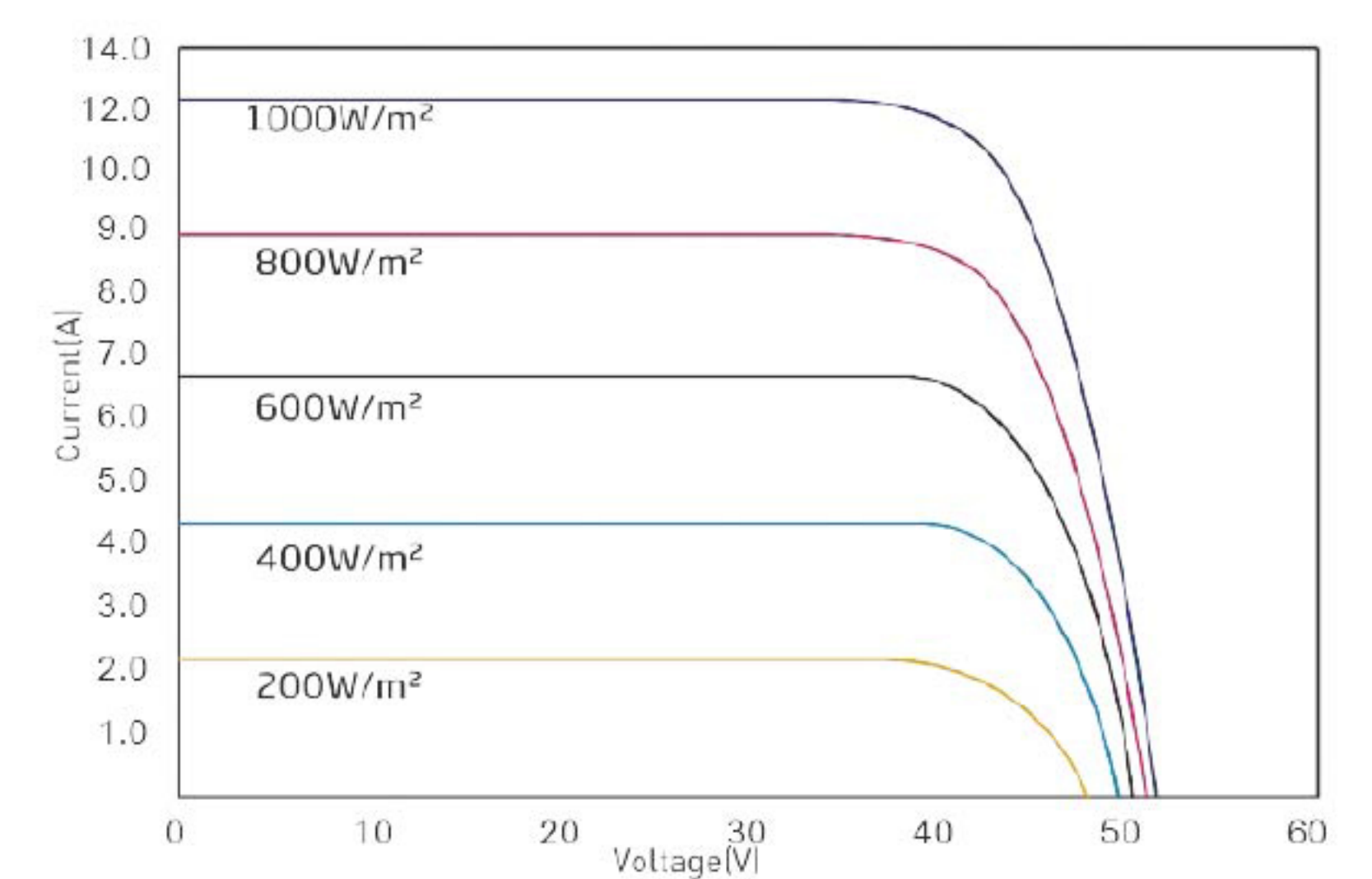
\* All Dimensions in mm.

\* 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)	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	25A

## I-V Curve



## PACKING CONFIGURATION

Packaging Material	31pcs/pallet
Quantity/Pallet	20pallets/40HQ
Quantity/Container	620pcs/40HQ

