

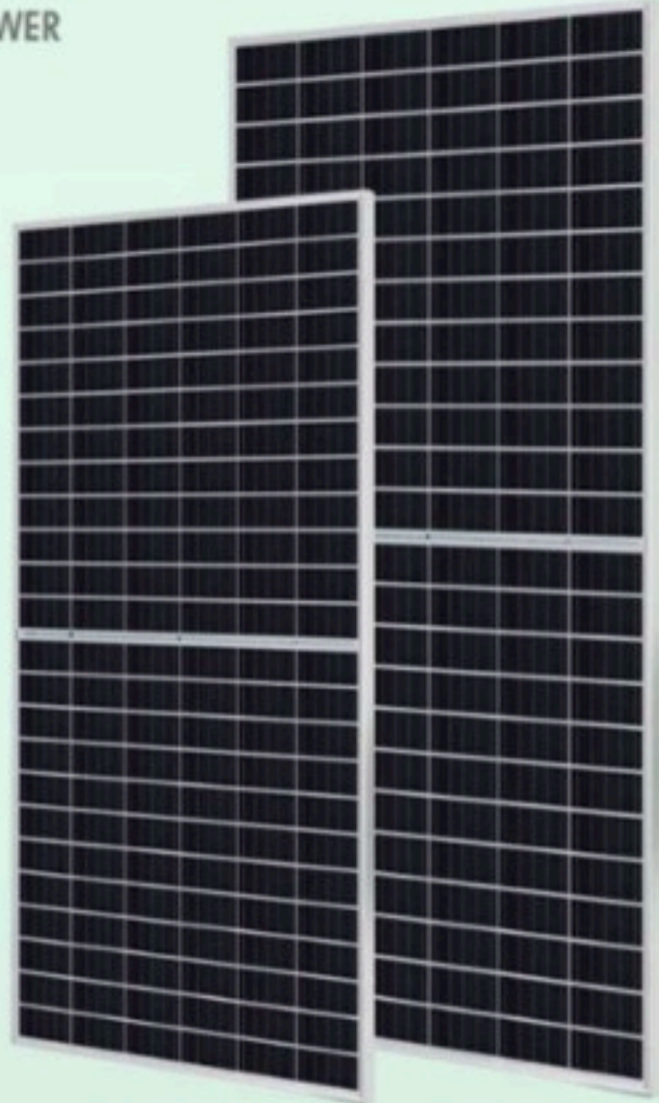
# TOPMAX Series

## Mono – 144HC - N Type



25 Years Guarantee

GRADE  
**A**  
QUALITY



certificate



### High Efficiency

Advanced solar cell technology ensures, The high module efficiency up to 22.00%.



### Positive Tolerance

Module guarantees a positive –only power tolerance of 0 to +5w to bring extra benefit.



### Strong Load Capacity

Module is capable to withstand 2400Pa wind loads and 5400Pa Snow loads.



### Reliable quality

Module is manufactured in accordance with international quality standards ISO9001



### Higher Weatherproof Rating

J-Box performs module with an environmental protection rating to IP68.



### Salt and Corrosion Resistant

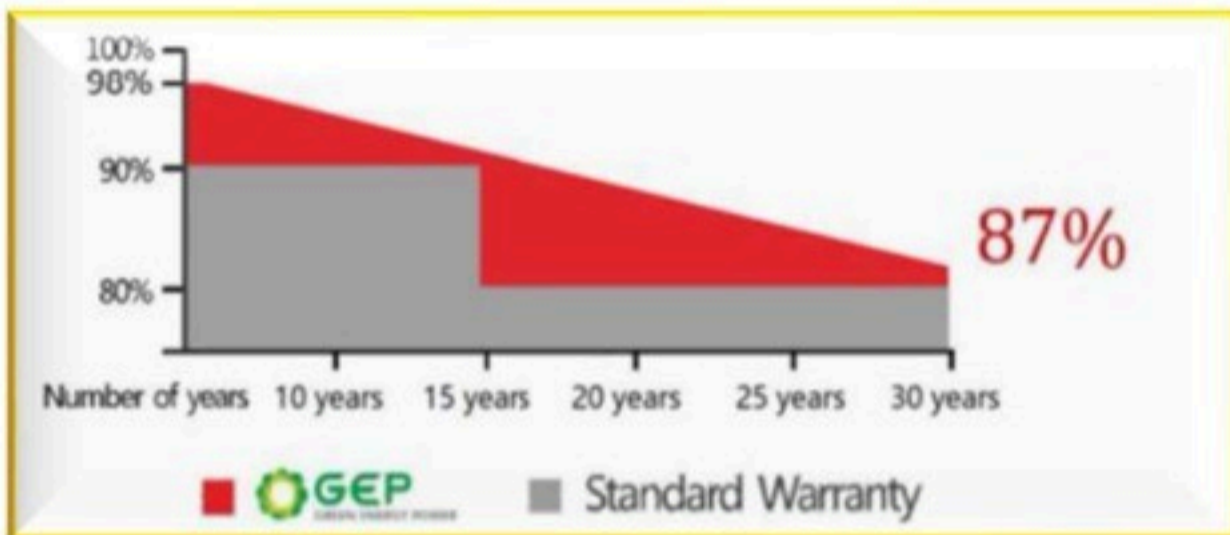
Highly Certified conform in higher salinity zone



### Anti PID Solar Technology

Highly PID resistant in larger humidity areas

570 / 575 / 580 / 585

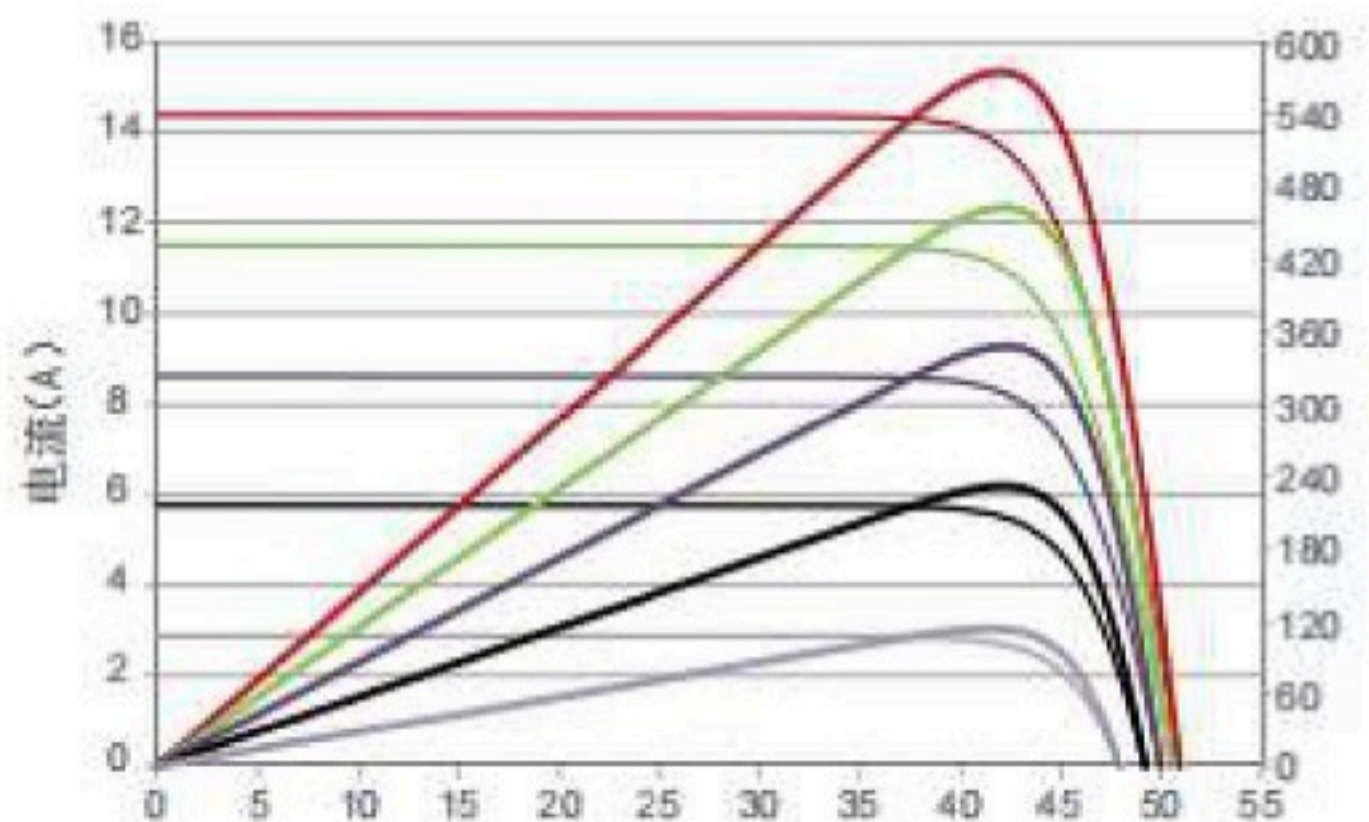
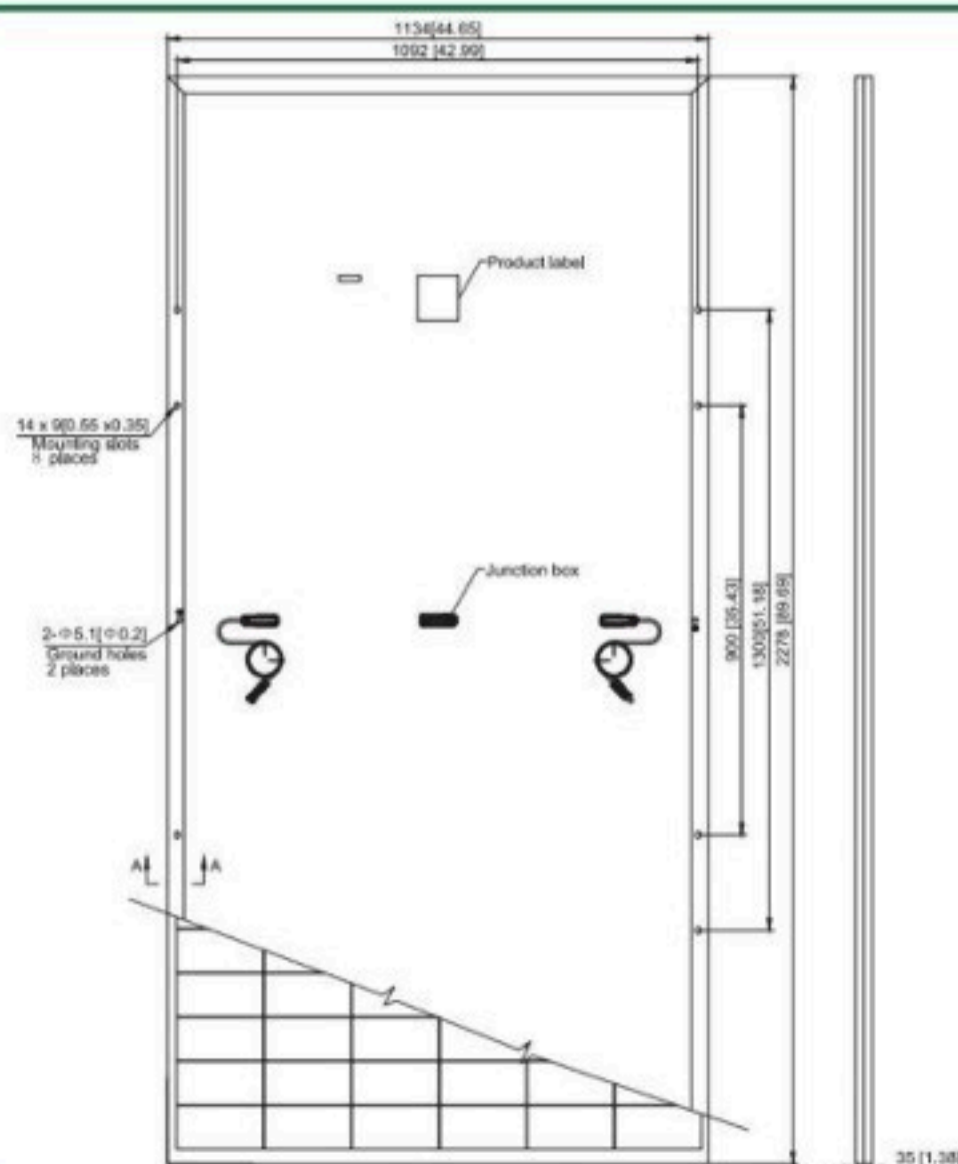


Material & Workmanship

15 Years

Linear Power Warranty

30 Years



## Electrical Characteristics

(STC)	GEP-AfMc570MH	GEP-AfMc575MH	GEP-AfMc580MH	GEP-AfMc585MH
Maximum Power (Pmax)	570W	575W	580W	585W
Tolerance of power	0/+5W	0/+5W	0/+5W	0/+5W
Maximum Power Voltage(Vmp)	42.07V	42.22V	42.37V	42.52V
Maximum Power Current(Imp)	13.55A	13.62A	13.69A	13.76A
Open Circuit Voltage(Voc)	50.74V	50.88V	51.02V	51.16V
Short Circuit Current (Isc)	14.31A	14.39A	14.47A	14.55A
Module Efficiency	22.1%	22.3%	22.5%	22.7%
Operating module Temperature	- 40°Cto +85°C			
Maximum system(DC) Voltage	DC1500V(IEC)			
Series Fuse Rating	25A			
NOCT*	45±2°C			
Temperature Coefficients of Pmax	- 0.30%/°C			
Temperature Coefficients of Voc	- 0.25%/°C			
Temperature Coefficients of Isc	+ 0.046%/°C			

## MECHANICAL CHARACTERISTICS

Solar Cell	Mono Topcon crystalline 182×91mm10BB
Number of cells	144( 6×24 )
Dimensions	2278×1134×35mm (89.69×44.65×1.38inches )
Weight	27.2Kg (59.97 lbs)
Front Glass	3.2mm (0.13 inches) front glass
Backboard	White、transparent
Frame	Aanodized aluminum alloy
Junction Box	IP68 rated
Cable	4mm <sup>2</sup> solarcable 300mm(11.81inches ) customized length
Connector	EVO2/MC4 compatible

## PACKING CONFIGURATION

	40HC
Pieces per pallet	31
pallets per container	20
Pieces per container	620

**NOTE:**

1.Design and specifications are subject to chane without prior notice.

2.Refer to the installation and operating manual or contact Green energy power Renewable for detailed information on approved installation and use of this product.