

# TOPMAX Series (Black)

## Mono – 144HC - N Type

**GEP GREEN ENERGY POWER**

**25 Years Guarantee**

**GRADE A QUALITY**

**certificate**

**TUV 800** **ETL US Intertek** **CQC** **IKG** **INMETRO** **ISO** **CE** **CB**



### 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

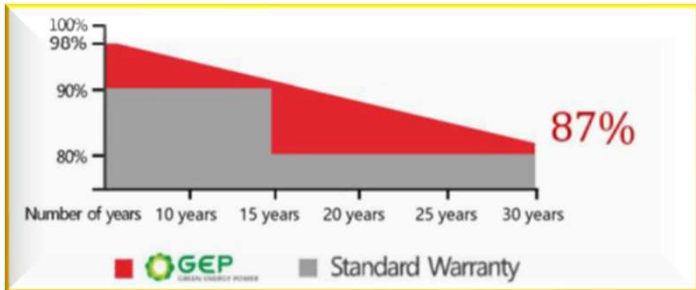
Highly Certified conform in higher salinity zone



### Anti PID Solar Technology

Highly PID resistant in larger humidity areas

**560 / 565 / 570 / 575**

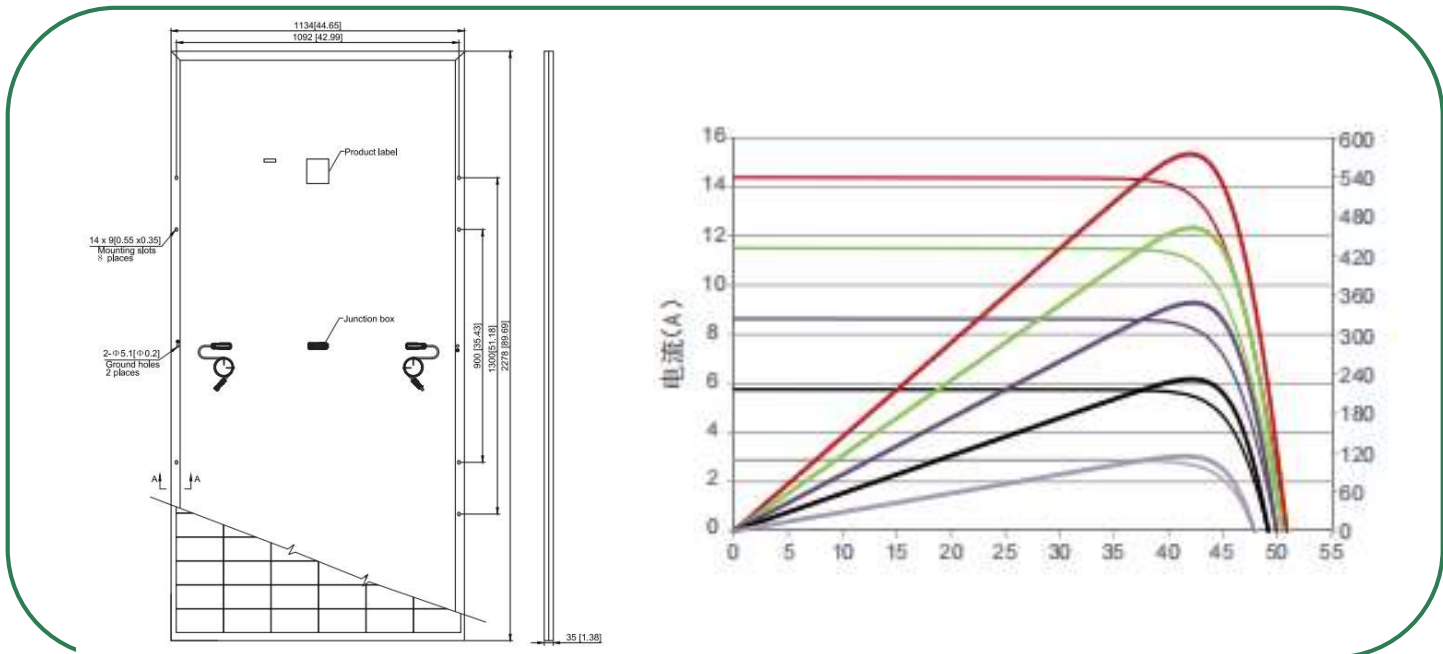


**Material & Workmanship**

**15 Years**

**Linear Power Warranty**

**30 Years**



## Electrical Characteristics

(STC)	GEP-AfMc560MH	GEP-AfMc565MH	GEP-AfMc570MH	GEP-AfMc575MH
Maximum Power (Pmax)	560W	565W	570W	575W
Tolerance of power	0/+5W	0/+5W	0/+5W	0/+5W
Maximum Power Voltage(Vmp)	41.77V	41.92V	42.07V	42.22V
Maximum Power Current(Imp)	13.41A	13.48A	13.55A	13.62A
Open Circuit Voltage(Voc)	50.44V	50.60V	50.74V	50.88V
Short Circuit Current (Isc)	14.15A	14.23A	14.31A	14.39A
Module Efficiency	21.7%	21.9%	22.1%	22.3%
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 (89.69×44.65×1.38 inches )
Weight	27.2Kg (59.97 lbs)
Front Glass	3.2mm (0.13 inches)
Backboard	Black
Frame	Black Aanodized aluminum alloy
Junction Box	IP68 rated
Cable	4mm <sup>2</sup> solarcable 300mm(11.81 inches ) 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.