

# WISER Series (Black)

## Mono – 108HC - N Type

**GEP**  
GREEN ENERGY POWER

**25 Years Guarantee**

**GRADE A QUALITY**

certificate

TUV 300 Intertek, CQC, KGM, 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

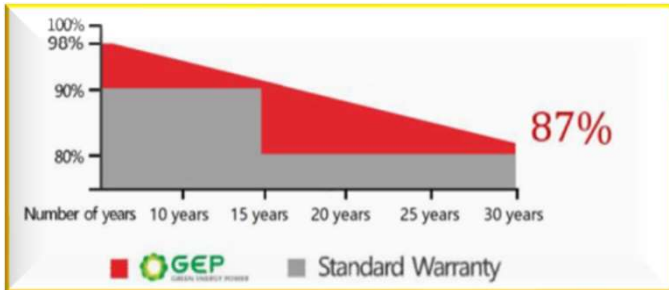
Highly Certified conform in higher salinity zone



### Anti PID Solar Technology

Highly PID resistant in larger humidity areas

405 / 410 / 415 / 420

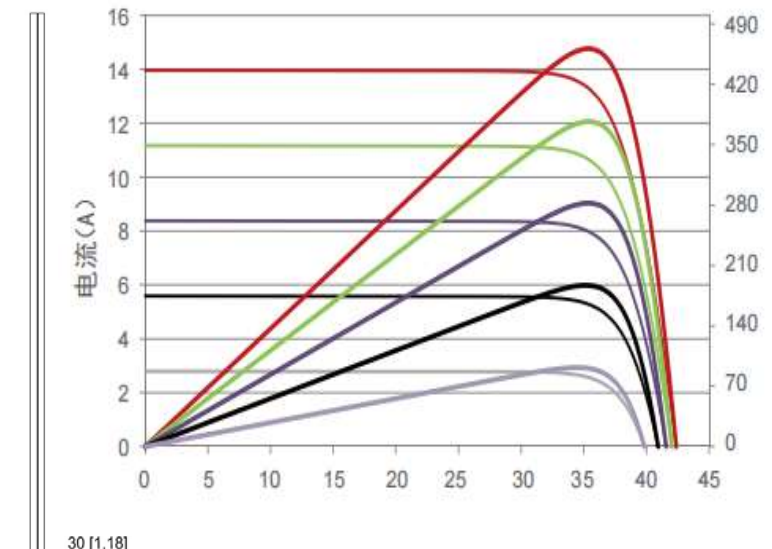
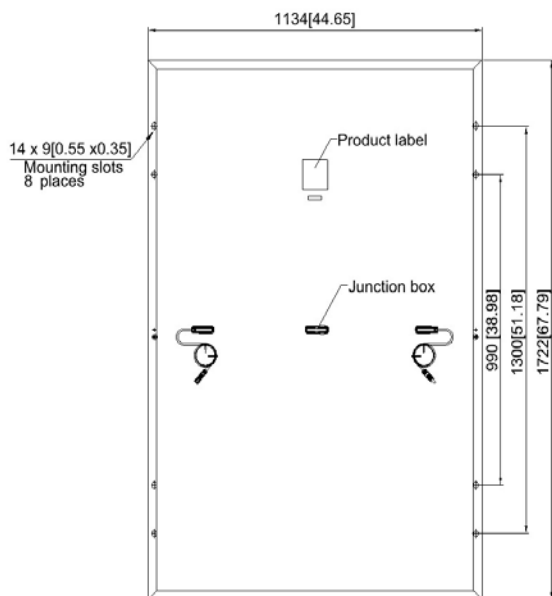


Material & Workmanship

15 Years

Linear Power Warranty

30 Years



## Electrical Characteristics

(STC)	GEP- IfMc405MH	GEP- IfMc410MH	GEP- IfMc415MH	GEP- IfMc420MH
Maximum Power (Pmax)	405W	410W	415W	420W
Tolerance of power	0/+5W	0/+5W	0/+5W	0/+5W
Maximum Power Voltage(Vmp)	30.94V	31.13V	31.32V	31.51V
Maximum Power Current(Imp)	13.09A	13.17A	13.25A	13.33A
Open Circuit Voltage(Voc)	37.54V	37.73V	37.92V	38.11V
Short Circuit Current (Isc)	13.83A	13.91A	13.99A	14.07A
Module Efficiency	20.7%	21.0%	21.3%	21.5%
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	Topcon 182×91mm 10 Mono Topcon crystalline 182×91mm10BB
Number of cells	108( 6×18 )
Dimensions	1722×1134×30mm (67.8×44.65×1.18 inches )
Weight	20.4Kg (44.97 lbs)
Front Glass	3.2mm (0.13 inches) front glass
Backboard	Black
Frame	Black Aanodized aluminum alloy
Junction Box	IP68 rated
Cable	4mm <sup>2</sup> solarcable 300mm(11.81英寸 inches ) customized length
Connector	EVO2/MC4 compatible

## PACKING CONFIGURATION

	40HC
Pieces per pallet	36
pallets per container	26
Pieces per container	936

**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.