

ATLAS Series

Mono – 120HC - 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

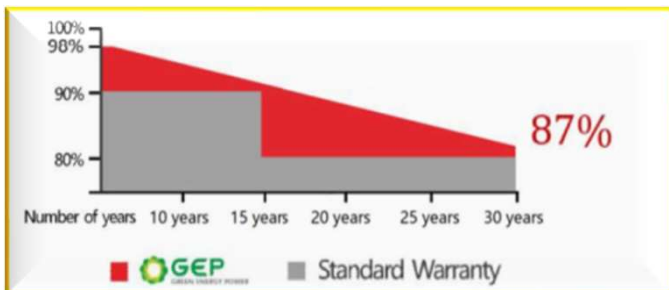
Highly Certified conform in higher salinity zone



Anti PID Solar Technology

Highly PID resistant in larger humidity areas

465 / 470 / 475 / 480

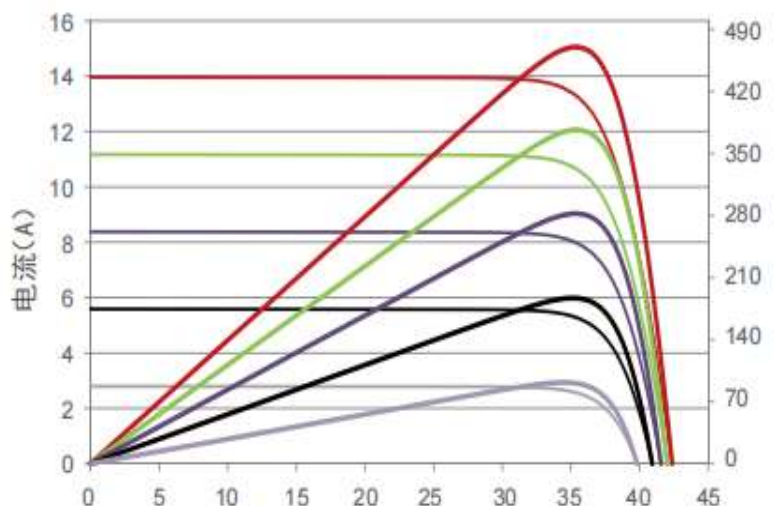
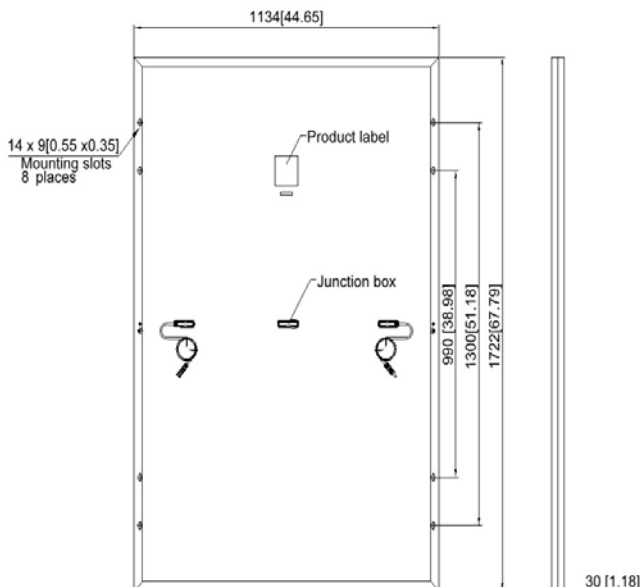


Material & Workmanship

15 Years

Linear Power Warranty

30 Years



Electrical Characteristics

(STC)	GEP-BfMc465MH	GEP-BfMc470MH	GEP-BfMc475MH	GEP-BfMc480MH
Maximum Power (Pmax)	465W	470W	475W	480W
Tolerance of power	0/+5W	0/+5W	0/+5W	0/+5W
Maximum Power Voltage(Vmp)	34.89V	35.05V	35.21V	35.38V
Maximum Power Current(Imp)	13.33A	13.41A	13.49A	13.57A
Open Circuit Voltage(Voc)	42.22V	42.38V	42.54V	42.71V
Short Circuit Current (Isc)	14.07A	14.15A	14.23A	14.31A
Module Efficiency	21.5%	21.7%	21.9%	22.2%
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	120(6×20)			
Dimensions	1909×1134×30mm (75.16×44.65×1.18 inches)			
Weight	22.9Kg (50.48 lbs)			
Front Glass	3.2mm (0.13 inches) front glass			
Backboard	White、transparent			
Frame	Aanodized aluminum alloy			
Junction Box	IP68 rated			
Cable	4mm ² solar cable 300mm(11.81 inches) customized length			
Connector	EVO2/MC4 compatible			

PACKING CONFIGURATION

	40HC			
Pieces per pallet	36			
Pallets per container	24			
Pieces per container	864			

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.