

ATLAS Series (Black)

Mono – 120HC - N Type

GEP GREEN ENERGY POWER

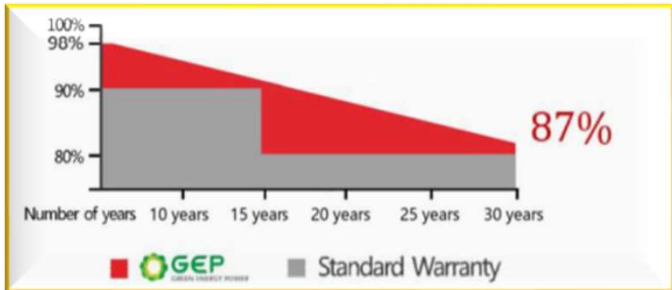
25 Years Guarantee

GRADE A QUALITY

certificate

Logos: TUV 300, Intertek, CQC, KG, INMETRO, ISO, CE, CB

455 / 560 / 565 / 470



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

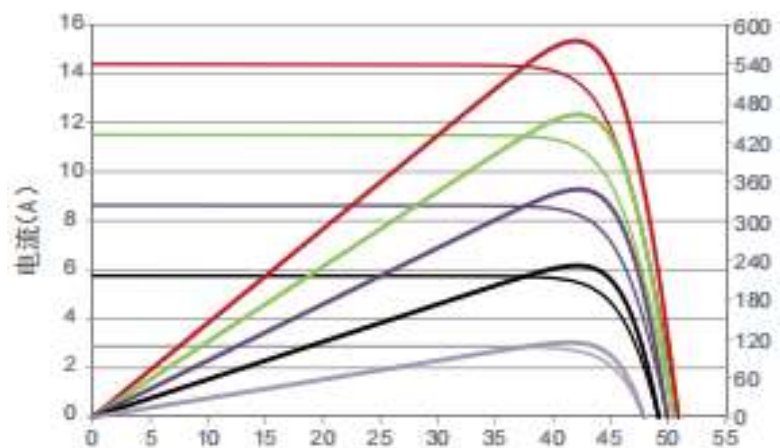
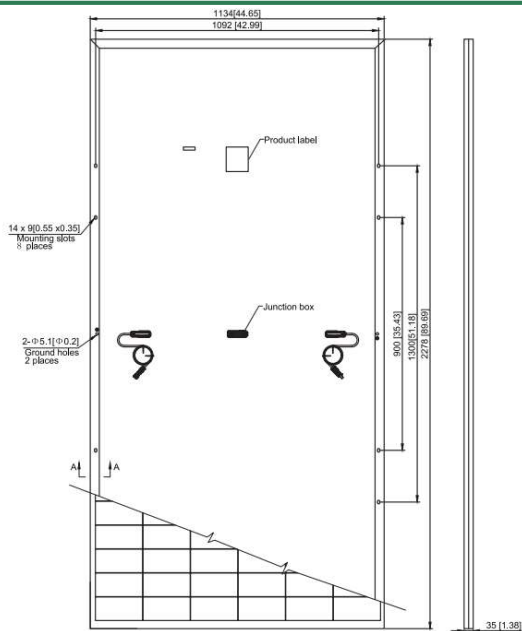
Highly PID resistant in larger humidity areas

Material & Workmanship

15 Years

Linear Power Warranty

30 Years



Electrical Characteristics

(STC)	GEP-BfMc455MH	GEP-IfMc460MH	GEP-BfMc465MH	GEP-BfMc470MH
Maximum Power (Pmax)	455W	460W	465W	470W
Tolerance of power	0/+5W	0/+5W	0/+5W	0/+5W
Maximum Power Voltage(Vmp)	34.56V	34.72V	34.89V	35.05V
Maximum Power Current(Imp)	13.17A	13.25A	13.33A	13.41A
Open Circuit Voltage(Voc)	41.89V	42.05V	42.22V	42.38V
Short Circuit Current (Isc)	13.91A	13.99A	14.07A	14.15A
Module Efficiency	21.0%	21.2%	21.5%	21.7%
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	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	Black			
Frame	Black Aanodized aluminum alloy			
Junction Box	IP68 rated			
Cable	4mm ² solarcable 300mm(11.81 inches) customized length			
Connector	EVO2/MC4compatible			

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.