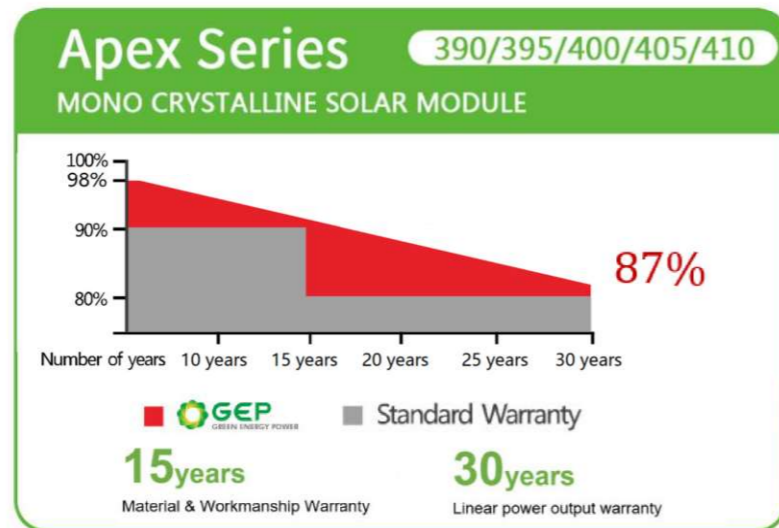


## ◆ Product Intro



### High Efficiency

Advanced solar cell technology ensures the high module efficiency up to 21.3%.



### Positive Tolerance

Module will generate tolerance of 0 to +5W.



### Strong Load Capacity

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



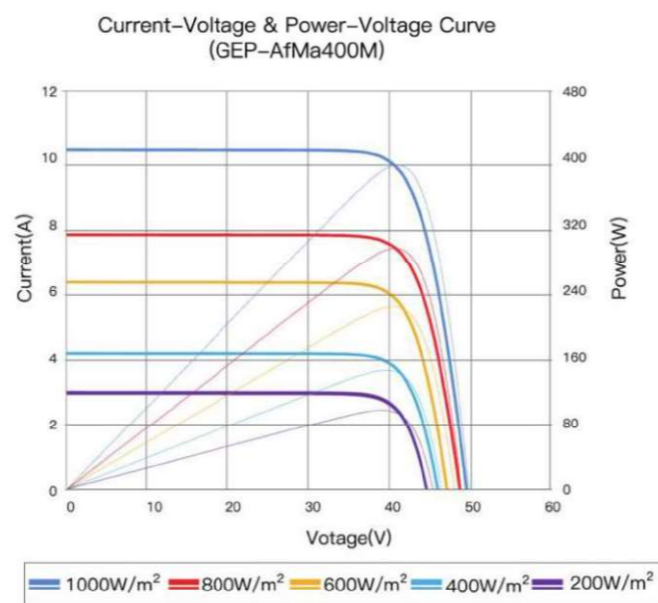
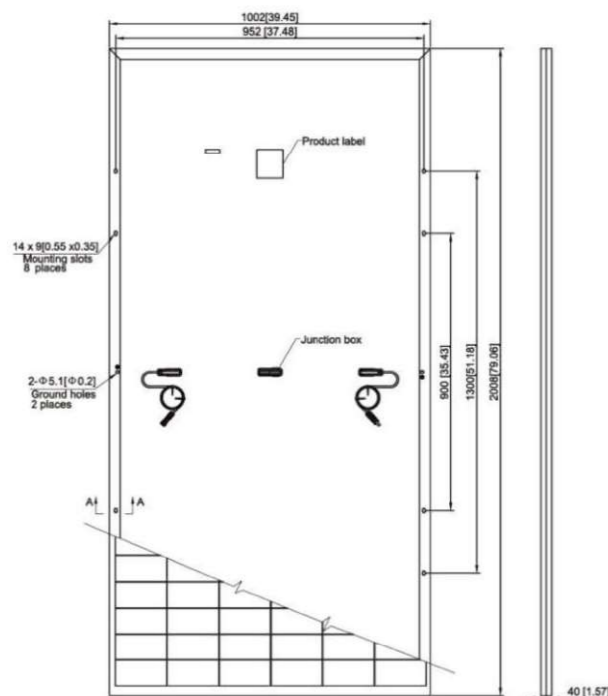
### Reliable quality

Module is manufactured in accordance with international quality standards ISO9001



### Higher Weatherproof Rating

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



## ◆ MODULE CHARACTERISTICS

Models	GEP-AfMa390M	GEP-AfMa395M	GEP-AfMa400M	GEP-AfMa405M	GEP-AfMa410M
	GEP-AfMa390MH	GEP-AfMa395MH	GEP-AfMa400MH	GEP-AfMa405MH	GEP-AfMa410MH
Maximum Power (Pmax)	390W	395W	400W	405W	410W
Positive Power Selection	0/+5W	0/+5W	0/+5W	0/+5W	0/+5W
Maximum Power Voltage (Vmp)	41.1V	41.4V	41.7V	42.0V	42.3V
Maximum Power Current(Imp)	9.49A	9.55A	9.60A	9.65A	9.69A
Open Circuit Voltage (Voc)	49.3V	49.5V	49.8V	50.1V	50.4V
Short Circuit Current (Isc)	10.12A	10.23A	10.36A	10.48A	10.60A
Module Efficiency	19.4%	19.6%	19.9%	20.1%	20.4%
Operating module Temperature	- 40°C ~ +85°C				
Maximum system(DC) Voltage	DC1000V/1500V(IEC)				
Maximum Series Fuse Rating	20A				
Nominal Module Operating Temperature	42±2°C				
Temperature Coefficients of Pmax	- 0.36%/°C				
Temperature Coefficients of Voc	- 0.304%/°C				
Temperature Coefficients of Isc	+ 0.050%/°C				

## ◆ MECHANICAL CHARACTERISTICS

Solar Cell	158.75x79.375mm 5 Mono crystalline 158.75x79.375mm 5BB
Number of cells	144( 6x24 )
Dimensions	2008x1002x40mm ( 79.06x39.45x1.57 inches )
Weight	22.5Kg (49.6 lbs)
Front Glass	3.2mm (0.13 inches) front glass
Frame	Anodized aluminum alloy
Junction Box	IP68 rated
Cable	4mm <sup>2</sup> solar cable 300mm (11.81 inches) Customized Length
Connector	MC4 PV-XT101.1/Z4S-abcde

## ◆ PACKING

	20GP	40HC
Pieces per pallet	27	27
pallets per container	10	22
Pieces per container	270	594

STC: irradiance 1000 W/m<sup>2</sup>, module temperature 25°C, AM=1.5; Tolerance of Pmax is within +/- 3%.