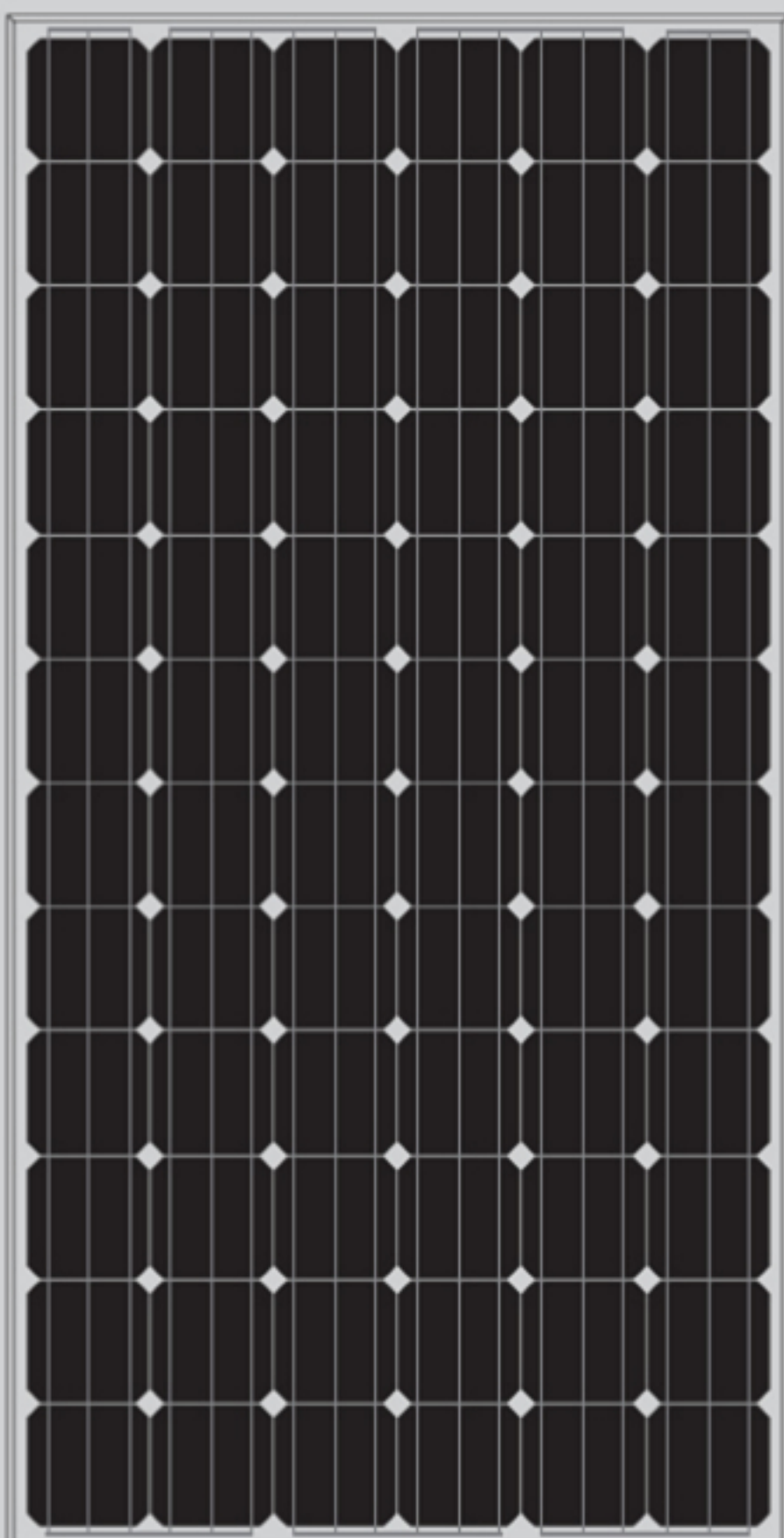


## MONOCRYSTALLINE SILICON MODULE



GREENERGY POWER  
SOLAR TECHNOLOGY

# GP-310 GP-315 GP-320 GP-325 GP-330

## MONOCRYSTALLINE SILICON MODULE

### Products Characteristics



Widely using of the most popular and mature type of modules for on-grid system.



Leading manufacturing technology in PV industry, strictly controlling the quality of raw materials and the process of producing



100% EL inspection, ensures modules are defects free.



Cells binned by current to improve module performance



Anti reflective glass. Not only to increase the light absorption, but also to make the module has the function of self-cleaning in water environment, effectively reducing the power loss caused by dust.



Outstanding performance in low-light irradiance environments.



Excellent mechanical load resistance: Certified to withstand high wind loads(2400pa) and snow loads(5400pa).



High salt and ammonia resistance



Positive power tolerance: 0~+5w

### Warranty

- 5 years product warranty
- 10-years 90% of Min. rated output power, and 25-years 80% of Min. rated output power warranty

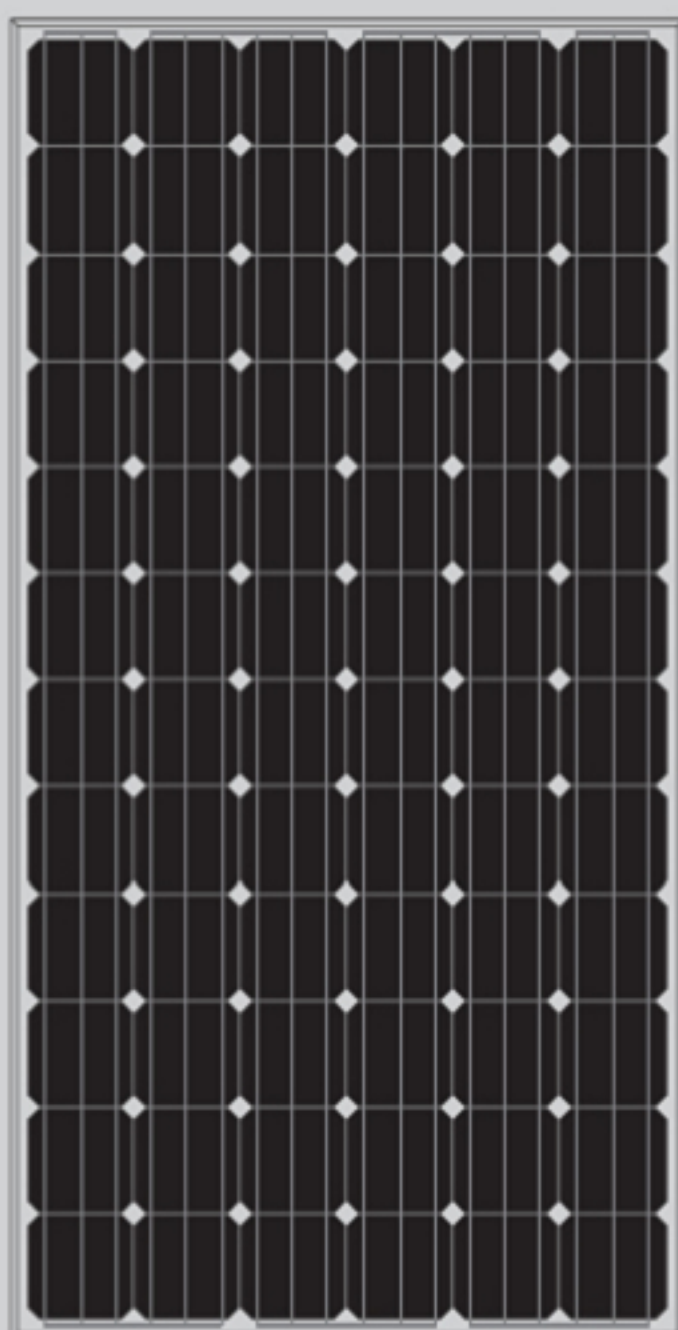


# GP-310 GP-315 GP-320 GP-325 GP-330

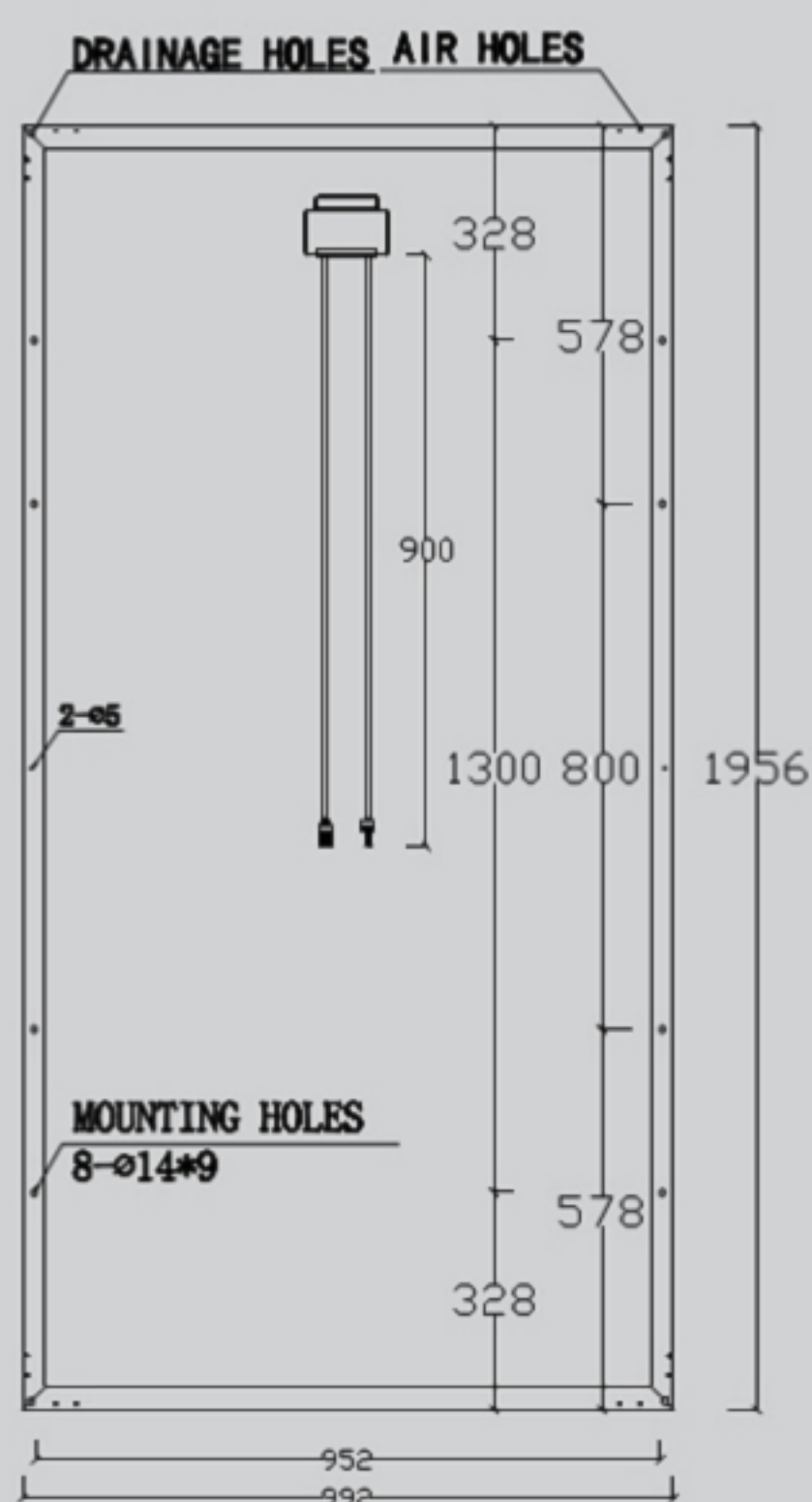


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Engineering Drawings (Front Side)



Engineering Drawings (Back Side)



## Raw materials and Mechanical Parameters

	GP-310	GP-315	GP-320	GP-325	GP-330
Type of Cells(mm)	mono156 × 156				
NO. of Cells and Connections	6 × 10=60				
Dimensions(mm)(L*W*H)	1956 × 992 × 40				
Weight(kg)	22.8				
Glass	3.2mm Tempered Glass				
Encapsulation	EVA				
Backsheet	Multilayer Composite				
Aluminium-Frame	Silvery/Black Anodized aluminium alloy				
Junction-Box	IP65/IP67				
Cable	4mm <sup>2</sup> ,900mm				
Connector	MC4 and MC4 Compatible				
Package Configuration	25pcs/pallet				

## Performance Parameters

	GP-310	GP-315	GP-320	GP-325	GP-330
Maximum System Voltage	1000V				
Operating Temperature	-45~+80°C				
Maximum Series Fuse	10A				
Maximum Static Load,Front Side (e.x. Snow,Wind)	5400Pa				
Maximum Static Load, Back Side(e.x. Wind)	2400Pa				
Application Grade	Class A				

## Electrical Parameters (Standard Test Condition)

	GP-310	GP-315	GP-320	GP-325	GP-330
Rated Maximum Power(Mp)	310W	315W	320W	320W	320W
Power Tolerance	0- +5W				
Cell Efficiency	18.2%	18.5%	18.8%	19.1%	19.4%
Open Circuit Voltage(Voc)	44.5V	44.6V	44.8V	44.9V	44.9V
Maximum Power Voltage(Vmp)	36.0V	36.2V	36.4V	36.5V	36.5V
Short Circuit Current(Isc)	9.14A	9.24A	9.32A	9.39A	9.51A
Maximum Power Current(Imp)	8.62A	8.71A	8.80A	8.91A	9.04A
Temperature Coefficient of Isc	+0.06%				
Temperature Coefficient of Voc	-0.32%				
Temperature Coefficient of Pmp	-0.45%				
Standard Test Condition	Irradiance:1000W/M2,Cell Temperature:25°C,Spectrum AM:1.5				

The Electrical Parameters of the module are the average theory figure under the standard test condition, each one exists difference. Can not be treated as the basis of module delivery.