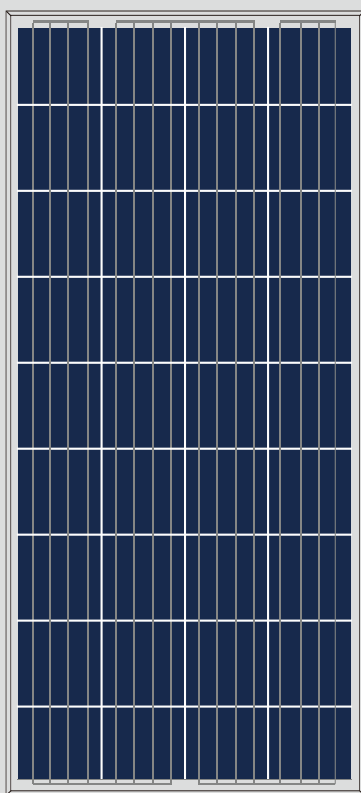


POLYCRYSTALLINE SILICON MODULE



0260



10 years
products
warranty

25 year
power output
warranty

Solar Panel Energy

sales@solarpanelenergy.co.za

www.solarpanelenergy.co.za

Proud to be suppliers of CNBM Solar panels in South Africa.

6P-150 6P-155 6P-160 6P-165

POLYCRYSTALLINE SILICON MODULE

Products Characteristics



Widely using of the most popular and mature type of modules for off-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

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

Comprehensive Certificates

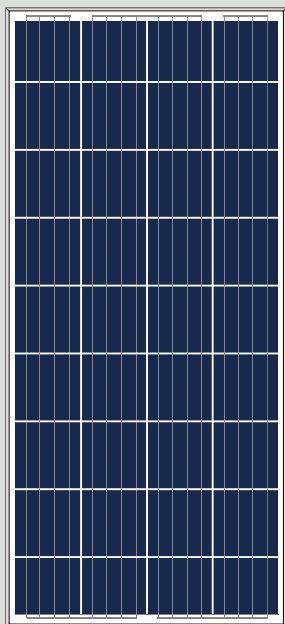
- ISO Certificate
- SGS-TUV Certificate
- CQC Certificate
- IEC61215、IEC61730 Certificate
- CE Certificate

Specifications subject to technology and test conditions,
GSUN Power reserves the right of final interpretation

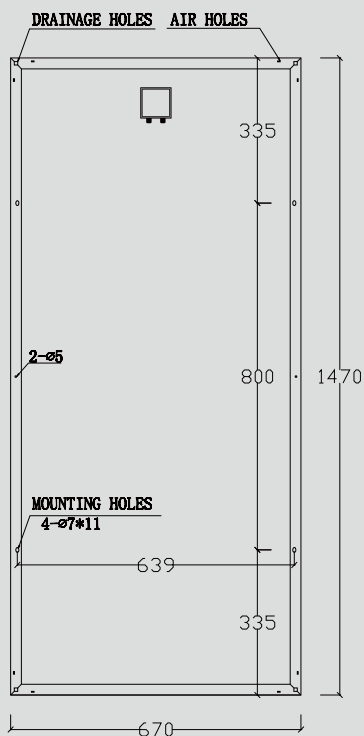
6P-150

6P-155 6P-160 6P-165

▼ Engineering Drawings (Front Side)



▼ Engineering Drawings (Back Side)



Raw materials and Mechanical Parameters

	6P-150	6P-155	6P-160	6P-165
Type of Cells(mm)	poly156×156			
NO. of Cells and Connections	4×9=36			
Dimensions(mm)(L*W*H)	1470×670×30			
Weight(kg)	11.0			
Glass	3.2mm Tempered Glass			
Encapsulation	EVA			
Backsheet	Multilayer Composite			
Aluminium-Frame	Silvery/Black Anodized aluminium alloy			
Junction-Box	IP65/IP67			
Cable	NA, but customized is acceptable			
Connector	NA, but MC4 and MC4 Compatible are acceptable			
Package Configuration	4pcs/ctn			

Performance Parameters

	6P-150	6P-155	6P-160	6P-165
Maximum System Voltage	700V			
Operating Temperature	-45~+80℃			
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)

	6P-150	6P-155	6P-160	6P-165
Rated Maximum Power(Mp)	150W	155W	160W	165W
Power Tolerance	0~+5W			
Cell Efficiency	17.2%	17.8%	18.3%	18.9%
Open Circuit Voltage(Voc)	22.3V	22.5V	22.7V	23.1V
Maximum Power Voltage(Vmp)	18.2V	18.4V	18.6V	18.9V
Short Circuit Current(Isc)	8.75A	8.94A	9.13A	9.25A
Maximum Power Current(Imp)	8.25A	8.43A	8.61A	8.73A
Temperature Coefficient of Isc	+0.06%			
Temperature Coefficient of Voc	-0.33%			
Temperature Coefficient of Pmp	-0.45%			
Standard Test Condition	Irradiance:1000W/M2,Cell Temperature:25℃,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.