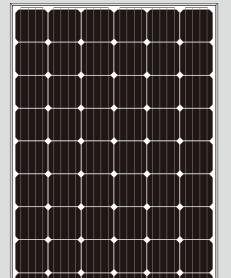
MONOCRYSTALLINE SILICON MODULE



6M-290 6M-295 6M-300

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





Add:CuiBei Industrial Park, Henglin Town, Wujin District, Changzhou City, Jiangsu Province, China.

Tel:+86-519-85260699 Fax:+86-519-85260299 Email:Info@gsunp.com Web Side:www.gsunp.com

Warranty

- 10 years 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

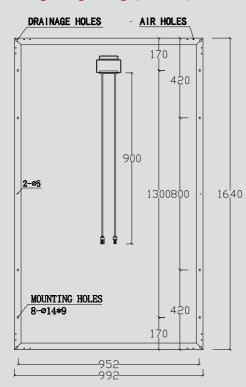
Specifications subject to technology and test conditions, GSUN Power reserves the right of final interpretation

6M-275 6M-280 6M-285 GEUN power 6M-290 6M-295 6M-300 GEUN POWER WWW.GSUNP.COM

Engineering Drawings (Front Side)



Engineering Drawings (Back Side)



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Raw materials and Mechanical Parameters

6M-275 6M-280 6M-285 6M-290 6M-295 6M-300 Type of Cells(mm) mono156.75 × 156.75 NO. of Cells and Connections $6 \times 10 = 60$ Dimensions(mm)(L*W*H) 1640 × 992 × 30/40 Weight(kg) 17.9/18.2 Glass 3.2mmTempered Glass Encapsulation EVA Backsheet Multilayer Composite Aluminium-Frame Silvery/Black Anodized aluminium alloy Junction-Box IP65/IP67 Cable 4mm²,900mm Connector MC4 and MC4 Compatible

30/26pcs/pallet

CN4 07F CN4 000 CN4 00F CN4 000 CN4 00F CN4 000

Performance Parameters

Package Configuration

6M-275 6M-280 6M-285 6M-290 6M-295 6M-300

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)

	6M-275	6M-280	6M-285	6M-290	6M-295	6M-300
Rated Maximum Power(Mp)	275W	280W	285W	290W	295W	300W
Power Tolerance		0- +5W				
Cell Efficiency	18.9%	6 19.2%	19.5%	19.8%	20.1%	20.3%
Open Circuit Voltage(Voc)	38.5\	/ 38.7V	39.0V	39.2V	39.5V	39.7V
Maximum Power Voltage(Vr	np) 31.2\	/ 31.4V	31.6V	31.8V	32.0V	32.2V
Short Circuit Current(Isc)	9.34	9.45A	9.56A	9.67A	9.77A	9.88A
Maximum Power Current(Im	p) 8.81 <i>A</i>	8.92A	9.02A	9.12A	9.22A	9.32A
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.