

Mono Poly Solutions

# ZCM6-72P

## 280-320W

POWER OUTPUT RANGE

## 72 CELL

SELF SUFFICIENT

## 25 YEAR

PERFORMANCE GUARANTEE

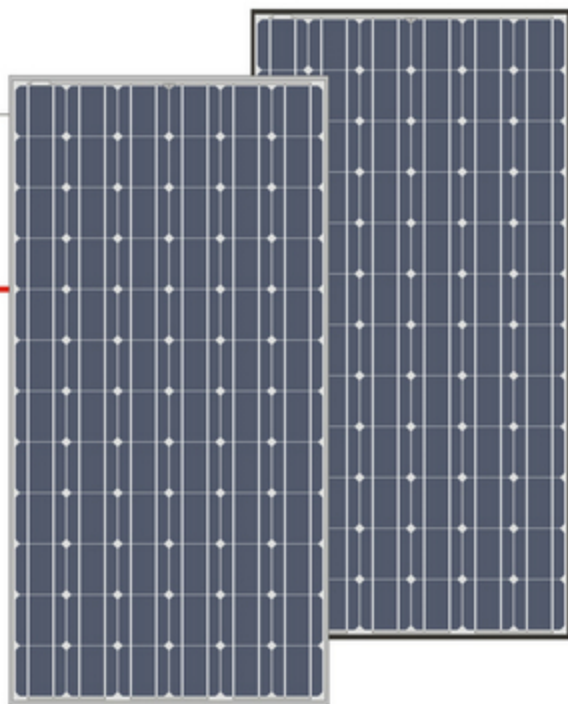
## 0~+3%

POWER OUTPUT GUARANTEE

Jieyang Zhongcheng Group Co., Ltd (Zocen Solar) is an integrated global solar energy solution provider, a professional manufacturer of solar cells, modules, and has formed a relatively complete solar power industrial chain.

We aim at providing the best quality goods and best service with the most competitive prices to all our customers. Our products have repeatedly proven their exceptional quality over time in independent tests and in thousands of application cases domestically and abroad. We create and optimize real value for our customers. Join us and make the greater success together.

Zocen Solar Limited  
www.zocengroup.com  
zocen@zocengroup.com



Module can bear snow loads up to 5400Pa and wind loads up to 2400Pa



High performance under low light conditions (Cloudy days, mornings and evenings)



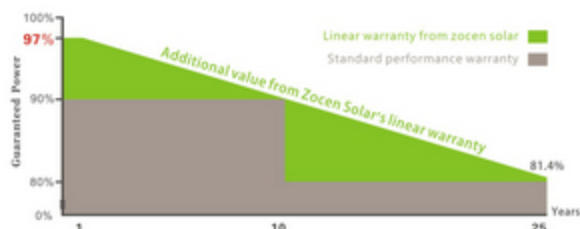
Manufacturing facility certified by ISO 9001:2008 and ISO 14001:2004



Chubb products liability insurance, errors and omissions (E&O) insurance

### Industry-leading linear warranty

10 year product warranty

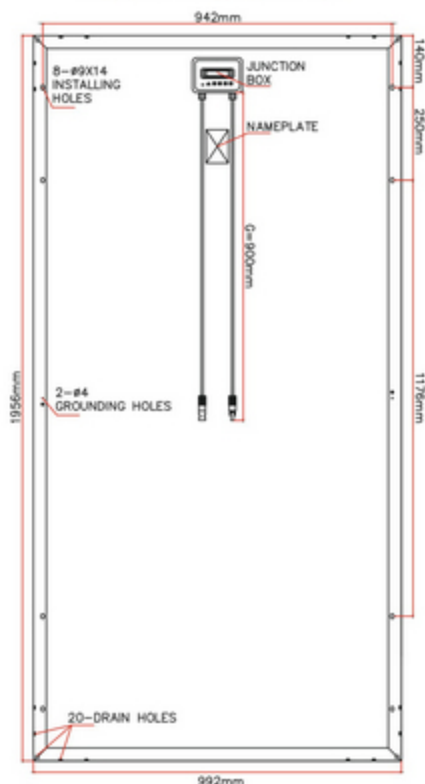


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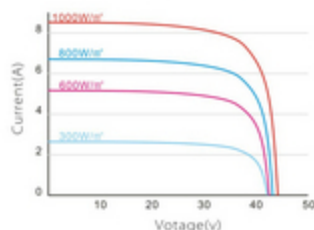
Typical Electronic Characteristics	280	285	290	295	300	305	310	315	320
Maximum power(pmax)	280	285	290	295	300	305	310	315	320
Power Tolerance	±3%	±3%	±3%	±3%	±3%	±3%	±3%	±3%	±3%
Open Circuit Voltage(Voc)	44.0	44.2	44.4	44.6	44.9	45.2	45.5	45.6	45.8
Short Circuit Current(Isc)	8.53	8.60	8.65	8.68	8.73	8.76	8.78	8.82	8.85
Maximum Power Voltage(Vmp)	35.90	36.10	36.20	36.40	36.70	36.90	37.10	37.20	37.40
Maximum Power Current(Imp)	7.81	7.91	8.02	8.12	8.19	8.28	8.38	8.47	8.56
Module Efficiency	14.43%	14.69%	14.95%	15.20%	15.46%	15.72%	15.98%	16.23%	16.49%
Max.System Voltage	1000VDC								
Cell Size and Series	Mono-crystalline 156X156mm(6 inch)72pcs(6X12)								
Bypass Diodes	6pcs 12A								
Temperature Coefficients of Pmax	-0.47%/°C								
Temperature Coefficients of Voc	-0.35%/°C								
Temperature Coefficients of Isc	0.05%/°C								
NOTC-Nominal Operating Cell Temperature	45°C (±2°C)								
STC Condition	Irradiance level 1,000w/m <sup>2</sup> , Spectrum AM 1.5, and Cell Temperature 25°C								

Mechanical Characteristics	
Dimension(mm)	1956X992X45(mm)
Frame	Anodized Aluminum Alloy
Output cables	4.0mm <sup>2</sup> 12AWG cable with weatherproof connectors. Cable lengths 900mm
Weight	22.5KGs

## Engineering Drawings



## I-V Curves



## Certification



NOTE: