



# Poly-crystalline

## GPP320W(72)

Photovoltaic modules  
72pcs 156\*156mm poly-crystalline silicon cell



### Strengths

- +3%** Tolerance: 0+3%
- Plug&Play Connectors
- High transmission, low Iron Tempered Glass
- Bypass Diodes Protection
- Salt Mist And Ammonia Resistance Test
- 5400 Pa snow load  
2400 Pa wind load



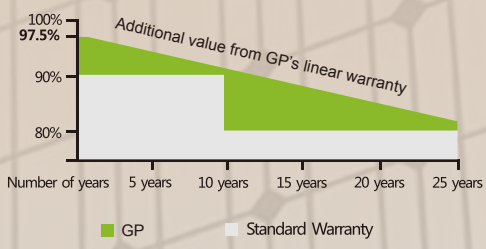
### Warranty

- 10** Manufacturing 10 years
- Power Production 90%:12 years 80%:25 years

### Insurance

Insured By CHUBB

#### NEW linear performance warranty



# GPP320W(72)



## Photovoltaic Modules

Module	GPP300-340W(72)	
Encapsulation	Glass/EVA/Cell/EVA/Backsheet	
Size and Number of cells	156*mm*156mm 72/6*12pcs	
Maximum Power Pmax	W	320
Maximum Power Voltage (Vmp)	V	37.85
Maximum Power Current (Imp)	A	8.46
Open Circuit Voltage (Voc)	V	46.56
Short Circuit Current (Isc)	A	9.05
Cell Efficiency	%	18.26
Module Efficiency	%	16.49
Tolerance	0+3%	
Max System Open Circuit Voltage	1000V	
Max Series Fuse Rating	15A	
Junction Box (protection degree)	≥IP67	
Dimension	1956*992*40mm	
Weight	21kg	
Operate Temperature Scope	-40/+85°C	
Relative Humidity	0~100%	
Frame Thickness	40/45/50mm	
Frame Colour	Gold/Brown/Black/Silver	

Standard Test Conditions[STC]: irradiance 1,000 W/m<sup>2</sup>; AM 1.5; module temperature 25°C. Measuring uncertainty of power is within ±3%. Tolerance of Pmp: 0~+3%. Certified in accordance with IEC61215,IEC61730-1/2.

## Temperature Coefficients

NOCT		45°C±2°C
Short Circuit Current Temperature Coefficients	$\alpha(I_{sc})$	+0.045%/°C
Open Circuit Voltage Temperature Coefficients	$\beta(V_{oc})$	-0.292%/°C
Peak Power Temperature Coefficients	$\gamma(P_{max})$	-0.408%/°C

Nominal Operating Cell Temperature(NOCT) : 45°C±2°C

### Output

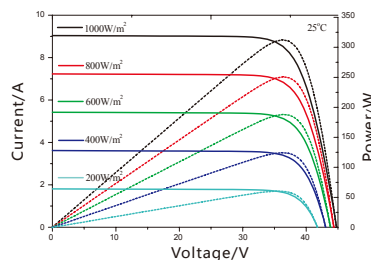
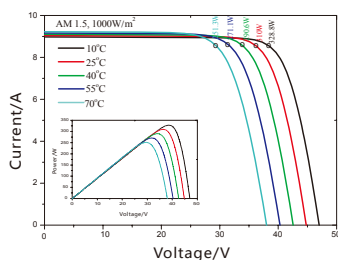
Cable 4.0mm <sup>2</sup> (TUV)	Length 900/1200mm	Connector MC4 type
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## Advantage

BDP series modules consist of **poly-crystalline** high efficient silicon cells, which are individually characterized and electronically matched before interconnection and laminated with toughened glass, EVA&Backsheet of high quality.

After assembled with anodized aluminum alloy frame, cable and junction box with MC4 connectors BDP solar modules can be installed easily and work for a long period. At the same time, they can withstand the storm, strong wind and hail impact, etc.

## I-V Curves



## Dimensions

