

# GPP295-340W(72)

## Photovoltaic Modules

Module	GPP295-340W(72)									
Encapsulation	Glass/EVA/Cell/EVA/Backsheet									
Size and Number of cells	156*mm*156mm 72/6*12pcs									
Maximum Power Pmax	W	295	300	305	310	315	320	325	330	340
Maximum Power Voltage (Vmp)	V	36.43	36.72	37.12	37.55	37.68	37.85	38.02	38.16	38.25
Maximum Power Current (Imp)	A	8.10	8.17	8.22	8.26	8.36	8.46	8.55	8.65	8.89
Open Circuit Voltage (Voc)	V	44.81	45.17	45.66	46.19	46.35	46.56	46.76	46.94	47.02
Short Circuit Current (Isc)	A	8.67	8.74	8.79	8.84	8.95	9.05	9.15	9.25	9.31
Module Efficiency	%	15.09	15.48	15.73	15.99	16.23	16.49	16.72	17.01	17.52
Tolerance	0+3%									
Max System Open Circuit Voltage	1000V									
Dimension	1956*992*40mm									
Weight	21kg									
Operate Temperature Scope	-40/+85°C									
Relative Humidity	0~100%									
Frame Thinkness	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

Nominal Operating Cell Temperature(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

### Output

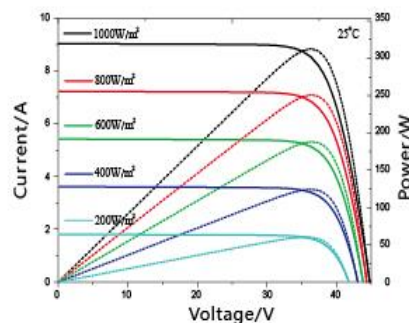
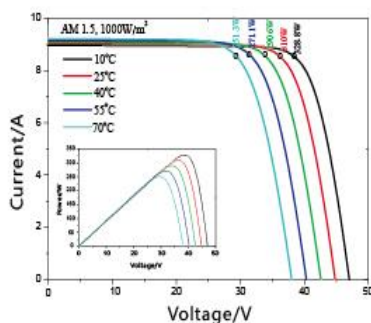
Cable 4.0mm<sup>2</sup>(TUV)      Length 900/1200mm      Connector MC4 type

## Advantage

G&P 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, G&P 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

