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Solar Panel Guide Specification Data Sheet

**Changzhou Tianma Photovoltaic Electronic Co., Ltd.
TM-P6 72Cells (315-325W)
TM-P6-72-315**

Also available on the web at
EnergyPal.com/changzhou-tianma-photovoltaic-electronic-co-ltd-solar-panels/tm-p6-72-315

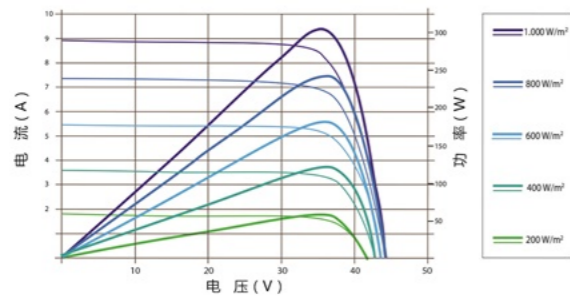
TM-P6 72 Cells 315-325W



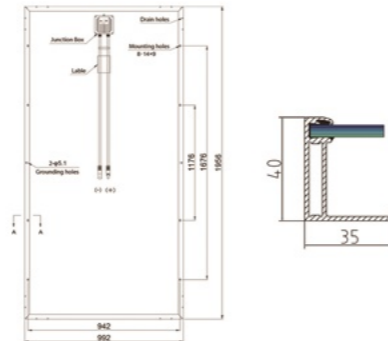
Features

- Maximum efficiency reached 16.49%
- 25 years of output guarantee
- Excellent anti-pid performance through PID test
- The biggest snow pressure reached 5400Pa
- Maximum wind pressure reaches 2400Pa

P-V CURVES



DIMENSIONS



PRODUCTS	TM-P6-72-315	TM-P6-72-320	TM-P6-72-325	
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ELECTRICAL DATA

Peak Power Watts-PMAX(Wp)	315	320	325	
Power Output Tolerance-PMAX (%)	0~+5			
Maximum Power Voltage-VMPP(V)	37.28	37.39	37.50	
Maximum Power Current-IMPP(A)	8.45	8.56	8.67	
Open Circuit Voltage -VOC (V)	45.60	45.71	45.82	
Short Circuit Voltage -ISC (A)	8.96	9.07	9.18	
Module Efficiency ηm(%)	16.23	16.49	16.75	

MECHANICAL DATA

Solar Cells	Poly 156×156 mm
Cell Orientation	72(6×12)
Module Dimension	1956×992×40 mm
Weight	22.5kg
Glass	3.2mm, High Transmission, AR Coated Tempered Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP68
Cables / Conectors	4mm² 900m MC4-compatible
Number of Diodes	3

TEMPERATURE RATINGS

NOCT (Nominal Operating Temperature)	45°C (±2°C)
Temperature Coefficient of PMAX	- 0.42% / °C
Temperature Coefficient of VOC	- 0.33% / °C
Temperature Coefficient of ISC	0.04% / °C

MAXIMUM RATINGS

Maximum System Voltage	-40 ~ +85°C
Operational Temperature	1000VDC(IEC)
Max Series Fuse Rating	15A Power ≤285W, 20A Power ≥290W
Maximum load(snow/wind)	5400Pa / 2400Pa

WARRANTY

10 year workmanship warranty	
10 year power warranty	10 year at 90% power output
25 year power warranty	25years at 80% power output

Packaging

Modules per box	26pcs. (40 mm)
Modules per 40ft container	624pcs. (40 mm)

