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Solar Panel Guide Specification Data Sheet

Changzhou Tianma Photovoltaic Electronic Co., Ltd.
TM-M6 72Cells (325-340W)
TM-M6-72-340

Also available on the web at
EnergyPal.com/changzhou-tianma-photovoltaic-electronic-co-ltd-solar-panels/tm-m6-72-340

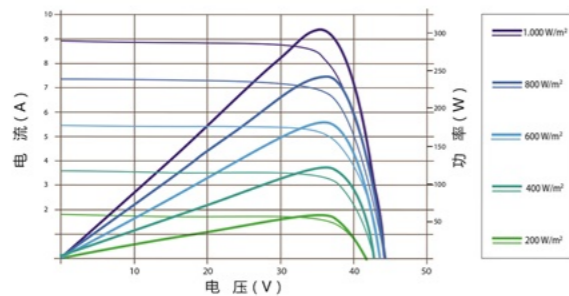
TM-M6 72 Cells 325-340W



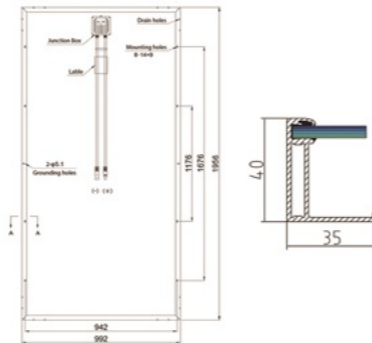
Features

- Maximum efficiency reached 17.26%
- 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-M6-72-325	TM-M6-72-330	TM-M6-335	TM-M6-340
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ELECTRICAL DATA

Peak Power Watts-PMAX(Wp)	325	330	335	340
Power Output Tolerance-PMAX (%)	0~+5			
Maximum Power Voltage-VMPP(V)	38.06	38.16	38.37	38.47
Maximum Power Current-IMPP(A)	8.54	8.65	8.73	8.81
Open Circuit Voltage -VOC (V)	46.63	46.72	46.85	46.95
Short Circuit Voltage -ISC (A)	9.09	9.19	9.28	9.38
Module Efficiency η_m (%)	16.75	17.01	17.26	17.51

MECHANICAL DATA

Solar Cells	Mono 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	4mm ² 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	- 0.29% / °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)

