



TESZeus PV-T 240W Polycrystalline



Electrical & Thermal Data

Maximum Power(W)	240W
Optimum Power Voltage(Vmp)	30.72V
Optimum Operating Current(Impp)	7.81A
Open Circuit Voltage(Voc)	36.6V
Short Circuit Current(Isc)	8.36A
Cell Efficiency (%)	16.43%
Module Efficiency (%)	14.78%
Tolerance Wattage(e.g. +/-3%)	±3%
NOCT	47°C +/-2°C
Thermal Efficiency (%)	72.00%

Benefits

☐ High efficiency solar cells with high transmission and textured glass are delivering high efficiency for modules;

☐ Bypass diode minimizes the power drop caused by shade;

Modules independently tested to ensure conformance with certification and regulatory standards;

Manufacturing facility certified to ISO 9001 quality management system standards.

Temperature Coefficients

Temperature Coefficients of Isc(%)°C	+0.04
Temperature Coefficients of Voc(%)°C	-0.38
Temperature Coefficients of Pm(%)°C	-0.47
Temperature Coefficients of Im(%)°C	+0.04
Temperature Coefficients of Vm(%)°C	-0.38

- ☐ On-grid residential roof-tops
- ☐ On-grid commercial/industrial roof-tops
- ☐ Solar power stations
- ☐ Other on-grid applications





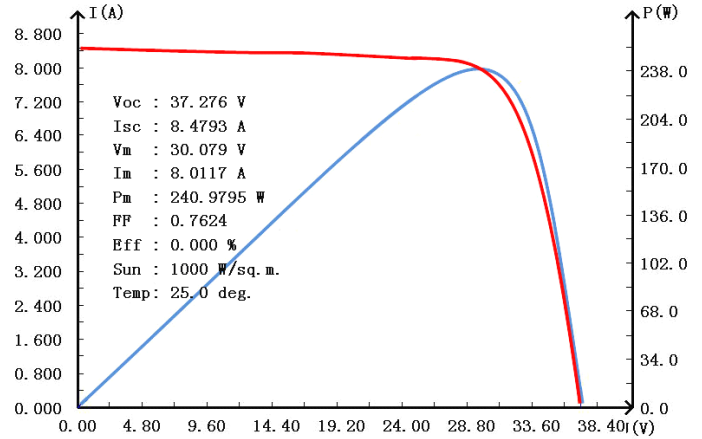
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Components & Mechanical Data

Solar Cell	156*156 Poly
Number of Cell(pcs)	6*10
Size of Module(mm)	1640*990*40
Front Glass Thickness(mm)	3.2
Surface Maximum Load Capacity	2400Pa
Allowable Hail Load	23m/s ,7.53g
Weight Per Piece(KG)	27.5
Junction Box Type	Pass the TUV Certificate
Bypass Diode Rating(A)	12
Cable & Connector Type	Pass the TUV Certificate
Frame(Material Corners,etc.)	40#
Backing (Brand Type)	TPT
Temperature Range	-40°C to +85°C
FF (%)	70-76%
Standard Test Conditions	AM1.5 1000W/m ² 25 +/-2°C

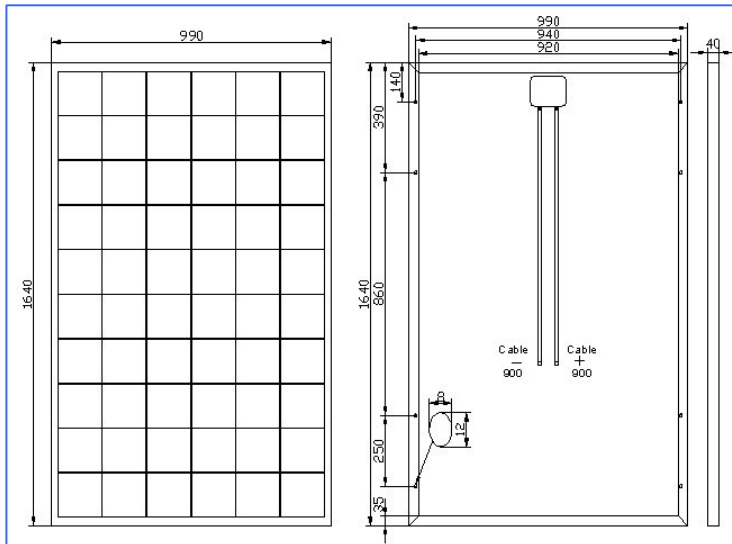
I-V Curves



Warranty & Certifications

Warranty	25 year limited power warranty
	5 year limited product warranty
Certifications	IEC 61215, IEC 61730

Engineering Drawings



Project Picture