

Zytech polycrystalline PV module specifications

Wp (W)	Model	Dimensions LxWxH (mm)	Cells	Voc (V)	Isc (A)	Vmpp (V)	Imp (V)	Cell alignment	Cell dimensions (mm)	Module Efficiency
140	ZT140P	1482 x 680 x 35	36	21,96	8,41	17,6	7,95	4X9	156X156	14,07 %
145	ZT145P	1482 x 680 x 35	36	21,96	8,5	17,8	8,15	4X9	156X156	14,56 %
150	ZT150P	1482 x 680 x 35	36	21,87	9,28	18,23	8,22	4X9	156X156	15,06 %
260	ZT260P	1640 x 992 x 35/40	60	37,12	9,65	30,43	8,54	6X10	156X156	16,00 %
270	ZT270P	1640 x 992 x 35/40	60	37,94	9,489	30,94	8,73	6X10	156X156	16,60 %
275	ZT275P	1640 x 992 x 35/40	60	39,96	9,56	30,80	8,39	6X10	156X156	16,90 %
280	ZT280P	1640 x 992 x 35/40	60	37,08	9,71	30,80	8,39	6X10	156X156	17,21 %
320	ZT320P	1956 x 992 x 40/50	72	44,04	9,33	36,70	8,72	6X12	156X156	16,49 %
330	ZT330P	1956 x 992 x 40/50	72	44,28	9,58	36,90	8,95	6X12	156X156	17,01 %
340	ZT340P	1956 x 992 x 40/50	72	44,52	9,80	37,10	9,16	6X12	156X156	17,52 %

EFFICIENCY

High Module Conversion Efficiencies utilizing three or four bus bars per cell.

WARRANTY

Peace of Mind Guaranteed with a twenty-five Year Lineal Power Warranty and Product Quality Ensured for ten years.

CERTIFICATIONS

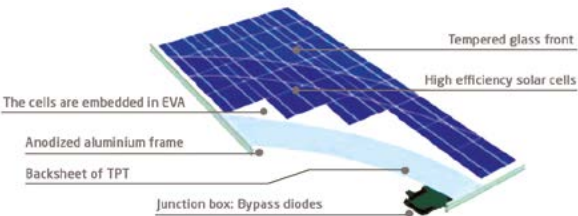
IEC 61215:2005, IEC 61730:2004, UL 1703-3rd Ed: 2014, ULC/ ORD C1703-01:2014, ISO 9001:2008, PSK 024:2008.

POSITIVE TOLERANCE

Strict quality control guarantees higher average power output according to tolerance 0% to +3% of maximum power.

OPTIMIZED STRENGTH

Minimum standard for wind 2700Pa to a Mechanical load capacity up to 5400Pa meet customer's needs for durability on high mountains, sea shores, & paths between buildings.



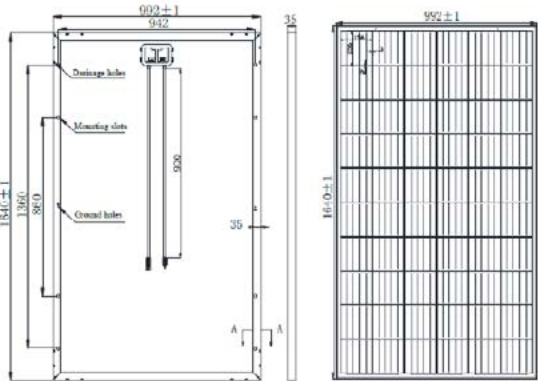
ZT SERIES
POLYCRISTALLINE
SOLAR MODULE

270P /280P

Cell Data	
Technology	Polycrystalline Silicon
Number Per Module	60
Dimension	156 x 156mm (6 inches)
Orientation	6x10

Thermal Data	
Nominal Operating Cell Temperature (NOCT)	45°C ± 2°C
Temperature Coefficient of Voc	-0.34%/°C
Temperature Coefficient of Isc	+0.049%/°C
Temperature Coefficient of Power Pmax	- 0.41 %/°C

System Integrated Parameters	
Maximum System Voltage SCII	1000 VDC (UL1000V)
Maximum Reverse Current	Do not apply external voltages larger than Voc to the module
Operating Temperature	40~+85°C
Max Series Fuse Rating	15A

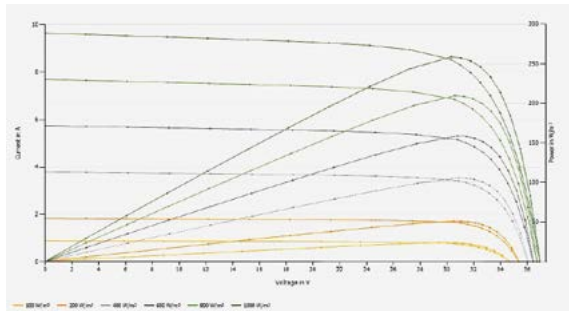


Electrical Data (STC)		ZT270P	ZT280P
Maximum power (W)	Pmax	270	280
Power Output Tolerance (%)		0% ~ +3%	0% ~ +3%
Maximum Power Voltage (V)	Vmpp	30.94	30.80
Maximum Power Current (A)	Impp	8.72	8.39
Open Circuit Voltage (V)	Voc	37.94	37.08
Short Circuit Current (A)	Isc	9.89	9.71
Module Efficiency (%)		16.6%	17.21%

* At Standard Conditions (STC) Irradiance 1000 watt/m², spectrum AM 1,5 at a cell temperature of 25°C

Physical Characteristics	
Module Dimension (L×W×H)	1640 × 992 × 40mm
Weight	18.5 kg
J-Box	IP65 or IP67 rated, 3/6 diodes
Connector	MC4 or MC4 Compatible
Glass	3.2mm (0.13 in), High Transmission, AR Coated Tempered Glass
Cable	4 mm² PV cable, 900mm/1000mm
Frame	Silver/ Black Anodized Aluminum Alloy

* Zytech Solar reserves the right to change specifications without notice*



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