

Zytech Polycrystalline PV Module Specifications



Wp (W)	Model	Dimensions L×W×H (mm)	Cells	Vmp (V)	Imp (A)	Voc (V)	Isc (A)	Weight (Kg)	Cell Alignment	Cell Dimension (mm)	Efficiency
100	ZT100P	1335x675x34	36	17.60	5.68	21.50	6.14	9.4	4X9	156X136	14.20%
125	ZT125P	1255x665x34	36	17.60	7.10	21.50	7.67	11.4	4X9	156X136	13.90%
150	ZT150P	1475x665x34	36	18.00	8.33	21.60	9.00	12.8	4X9	156X156	15.30%
200	ZT200P	1357x992x42	72	36.72	5.45	43.20	5.88	17	9X6	156X156	13.40%
250	ZT250P	1650x1000x45	60	28.80	8.68	36.00	9.38	18.5	6X10	156X156	15.20%
255	ZT255P		60	30.10	8.47	37.50	8.92	18.5	6X10	156X156	15.70%
260	ZT260p	1650x1000x45	60	30.50	8.52	37.60	9.04	18.5	6X10	156X156	17.98 %
280	ZT280P	1955x985x45	72	36.72	7.63	43.20	8.24	31.30	6X12	156X156	17.10 %
300	ZT300P		72	36.72	8.17	43.20	8.38	31.30	6X12	156X156	17.60 %
305	ZT305P		72	35.90	8.50	44.70	8.97	31.30	6X12	156X156	17.90 %
310	ZT310P		72	36.10	8.58	44.80	9.04	31.30	6X12	156X156	18.20 %

The specifications are for reference purpose only. Zytech reserves the right to change the specifications without prior notice.

*Under Standard Test Conditions (STC) of 1000 W/m² irradiance, AM 1.5 spectrum and 25°C cell temperature.

Efficiency

High Module Conversion Efficiencies utilizing 3 & 4 bus bars per cell.

Warranty

Peace of Mind Guaranteed with a 25 Year Linear Power Warranty and Product Quality Ensured for 10 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

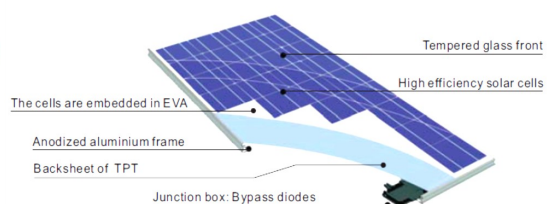
Strict quality control guarantees higher average power output according to tolerance 0% to +3% of maximum power.

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.



Module Construction



Polycrystalline

SOLAR MODULE



250P/255P/300P

Electrical Data (STC)		ZT 250P	ZT 255P	ZT 300P
Maximum power (W)	Pmax	250	255	300-305
Power Output Tolerance (%)		0/ + 3%		
Maximum Power Voltage (V)	Vmpp	29.90 V	30.41 V	38.10 V
Maximum Power Current (A)	Imp	8.36 A	8.28 A	8.01 A
Open Circuit Voltage (V)	Voc	37.30 V	37.10 V	46.10 V
Short Circuit Current (A)	Isc	8.81 A	9.34 A	8.60 A
Panel Efficiency (%)		15.40 %	17.98 %	15.52 %

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

Physical Characteristics

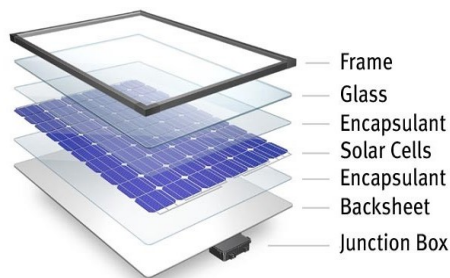
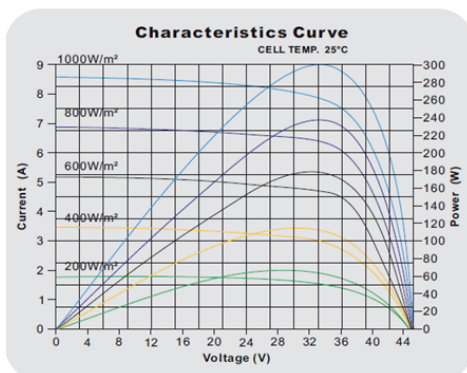
Module Dimension (L×W×H)	250/255 - 1640 x 990 x 40mm - 300P - 1965 x 1000 x 45/50 mm
Weight	250/255 - 21.5 Kgs - 300P - 26.5 Kgs
J-Box	IP 67 rated, 6 diodes
Connector	MC4 or MC4 Compatible IP 67
Glass	3.2mm, High Transmission, AR Coated Tempered Glass
Cable	4 mm ² PV cable, 1000mm
Frame	Silver / Black Anodized Aluminum Alloy

Thermal Data

Nominal Operating Cell Temperature (NOCT)	45°C ± 2°C
Temperature Coefficient of Voc	- 0.30% / °C
Temperature Coefficient of Isc	+ 0.04 % / °C
Temperature Coefficient of Power Pmax	- 0.44 % / °C

Cell Data

Technology	Poly-Crystalline Silicon
Number Per Module	60 Cells / 72 Cells
Dimension	156 × 156mm
Orientation	6 × 10 / 6 × 12



Zytech Solar reserves the right to change specifications without notice

ZYTECH SOLAR INDIA PVT LTD
P 41, Chandragiri Colony, Tirumalagiri,
Sec-bad - 500016. Telangana - India.
Tele: +91 40 659 76527
Mail: info@zytechsolar.co.in