

ZT Series Polycrystalline

Solar Module:

300P/305P/310P



Efficiency

High Module Conversion Efficiencies utilizing three buss bars per cell

Warranty

Peace of Mind Guaranteed with a twenty-five Year Linear 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

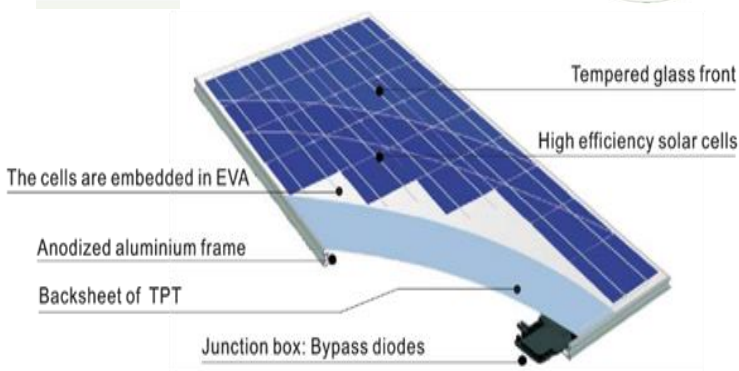
Strict quality control guarantees higher average power output according to positive tolerance -0/+4.99wp.

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



EMPOWERING You To Change The Future

Zytech was founded in Zaragoza, Spain in 2005. Since then they have steadily increased their infrastructure and production capacity to become a global presence, with offices and headquarters in Spain, Germany, France, Italy, Benelux, Mexico, United States, Korea, Malaysia and China.

Zytech takes pride in their R&D department which specializes in product enhancement, state-of-the-art machinery and rigorous quality control that guarantees an American quality product at the best price.



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Cell Data

Technology	Polycrystalline Silicon
Number Per Module	72
Dimension	156 x 156 mm (6 inches)
Orientation	6 x 12

Thermal Data

Nominal Operating Cell Temperature (NOCT)	45°C ± 2°C
Temperature Coefficient of V_{oc}	-0.30 % / °C
Temperature Coefficient of I_{sc}	+0.04 % / °C
Temperature Coefficient of Power P_{max}	-0.44 % / °C

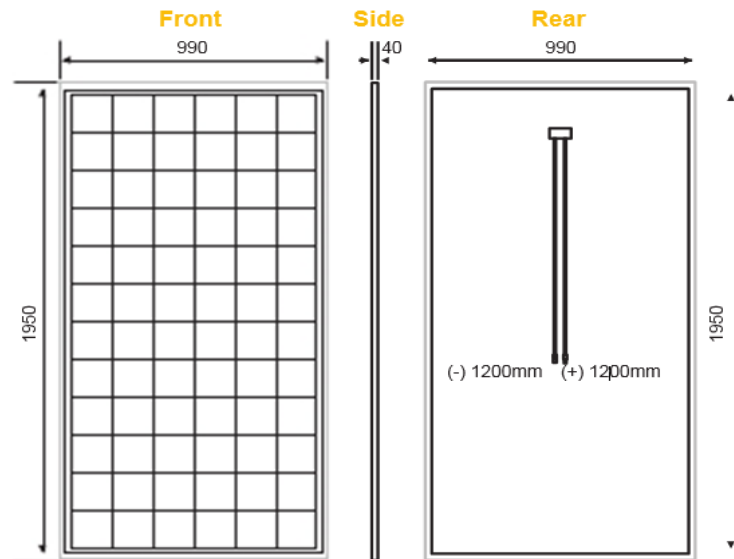
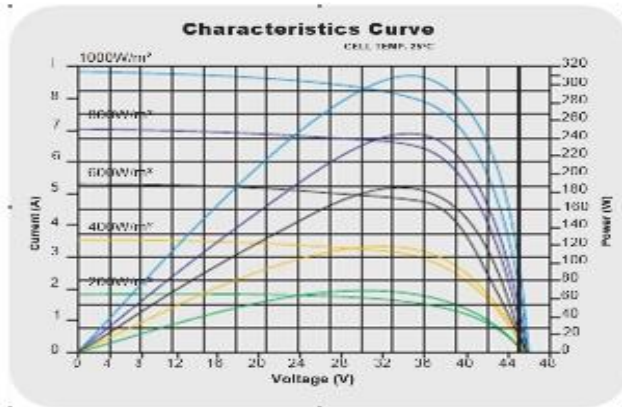
Electrical Data (STC)

		ZT 300P	ZT 305P	ZT 310P
Maximum power (W)	P_{max}	300	305	310
Power Output Tolerance (W)	P_{max}	0 / +4.99	0 / +4.99	0 / +4.99
Maximum Power Voltage (V)	V_{mpp}	36.50	36.50	36.66
Maximum Power Current (A)	I_{mpp}	8.22	8.36	8.46
Open Circuit Voltage (V)	V_{oc}	45.30	46.12	46.28
Short Circuit Current (A)	I_{sc}	8.79	8.87	8.90
Module Efficiency (%)		15.5%	15.8%	16.0%

* 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 V_{oc} to the module
Operating Temperature	-40~+85°C
Max Series Fuse Rating	15A



Physical Characteristics

Module Dimension (L x W x H)	1950 x 990 x 40 mm (76.77 x 38.98 x 1.57 in)
Weight	22.5 kg (49.6 lbs)
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 mm ² PV cable, (+)1200mm, (-)1200, 12AWG
Frame	Silver Anodized Aluminum Alloy

Packing Configuration

Modules Per Pallet	26
Pallet Per 40' Container	22 (572 pcs)
Packing Box Dimension (L x W x H)	2000 x 1150 x 1040 mm (78.74 x 45.28 x 40.94 in)
Packing Orientation	Side

Solar Electric Supply, Inc.
www.solarelectricsupply.com