



ZT Series Polycrystalline

Solar Module

250P/260P

High Irradiation Technology

Special encapsulation and lamination process with Zytech Solar proprietary technology for high irradiation environment. Modules manufactured using world leading concentrating photovoltaic technology, developed by Zytech Solar. Zytech works with best research institute like NREL (National Renewable Energy Laboratory) and PARC (Palo Alto research Center). Zytech has unique manufacturing process with a special simulator of 4000 Wh/m² for test high irradiation and high temperature.

Warranty

High Module Conversion Efficiencies utilizing three buss bars per cell

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

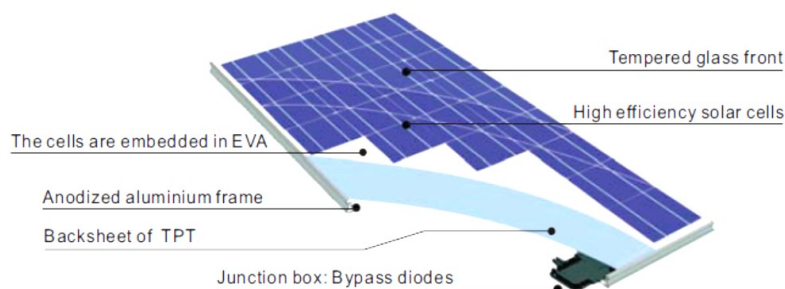
Strict quality control guarantees higher average power output according to positive tolerance -0/+4.99wp.

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 be-tween buildings



Module Construction



EMPOWERING You

To Change The Future

Zytech was founded in Zaragoza (Spain) in 2005. Since then the group has progressively increased its infrastructure and production capacity to become a global power with offices and headquarters in Spain, Germany, France, Italy, BENELUX, Mexico, United States of America, 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 European quality product at the best price.



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Cell Data

Technology	Polycrystalline Silicon
Number Per Module	60
Dimension	156 × 156mm (6 inches)
Orientation	6 × 10

Thermal Data

Nominal Operating Cell Temperature (NOCT)	40°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

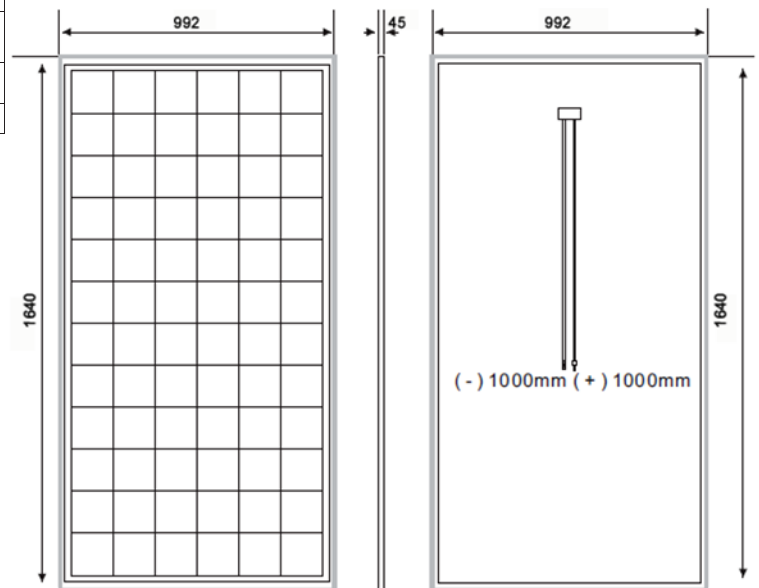
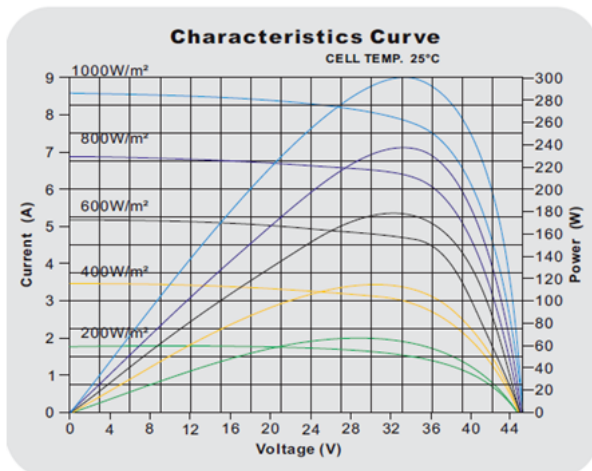
Electrical Data (STC)

		ZT240P	ZT250P	ZT260P
Maximum power (W)	Pmax	240	250	260
Power Output Tolerance (%)		-0 +4.99Wp		
Maximum Power Voltage (V)	Vmpp	30.10	30.50	30.90
Maximum Power Current (A)	Imp	7.98	8.20	8.42
Open Circuit Voltage (V)	Voc	37.20	37.80	37.80
Short Circuit Current (A)	Isc	8.74	8.85	9.06
Module Efficiency (%)		15.09%	15.40%	16.01%

* 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 (LxWxH)	1640x992x45mm (64.57x39.98x1.57 in.)
Weight	18.5 kg (40.79 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, 900mm/1000mm
Frame	Silver/ Black Anodized Aluminum Alloy

Packing Configuration

Modules Per Pallet	26
Pallet Per 40' Container	28 (728 pcs)
Packing Box Dimension (LxWxH)	1700x1150x1040 mm (66.93x45.28x40.94 in)
Packing Orientation	Side

Zytech Solar reserves the right to change specifications without notice



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