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# EnergyPal

## Solar Panel Guide Specification Data Sheet

**Zytech Solar**  
**ZT320-340P**  
**ZT320P**

Also available on the web at  
[EnergyPal.com/zytech-solar-solar-panels/zt320p](http://EnergyPal.com/zytech-solar-solar-panels/zt320p)

# ZT Series Polycrystalline

Solar Module

320P/330P/340P



## Efficiency

High Module Conversion Efficiencies utilizing three or four bus 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

## Tolerance

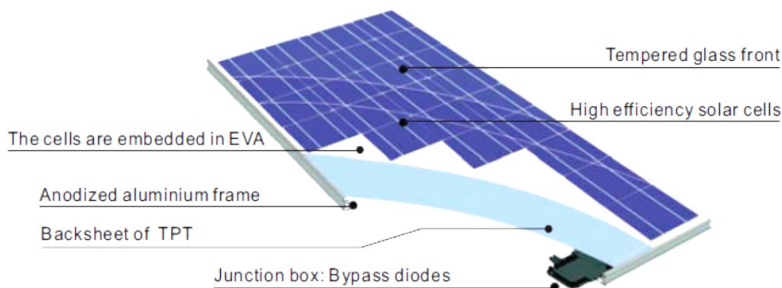
Strict quality control guarantees higher average power output according to tolerance  
0% to +3% of maximum power

## Optimized Strength

Minimum standard for wind 2400Pa 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 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.



[www.zytechsolar.com](http://www.zytechsolar.com)

# ZT Series Polycrystalline

Solar Module



320P/330P/340P

## Cell Data

Technology	Polycrystalline Silicon
Number Per Module	72
Dimension	156 × 156
Orientation	6 × 12

## Thermal Data

Nominal Operating Cell Temperature (NOCT)	45°C ± 2°C
Temperature Coefficient of Voc	-0.275% / °C
Temperature Coefficient of Isc	+0.023% / °C
Temperature Coefficient of Power Pmax	-0.38% / °C

## Electrical Data (STC)

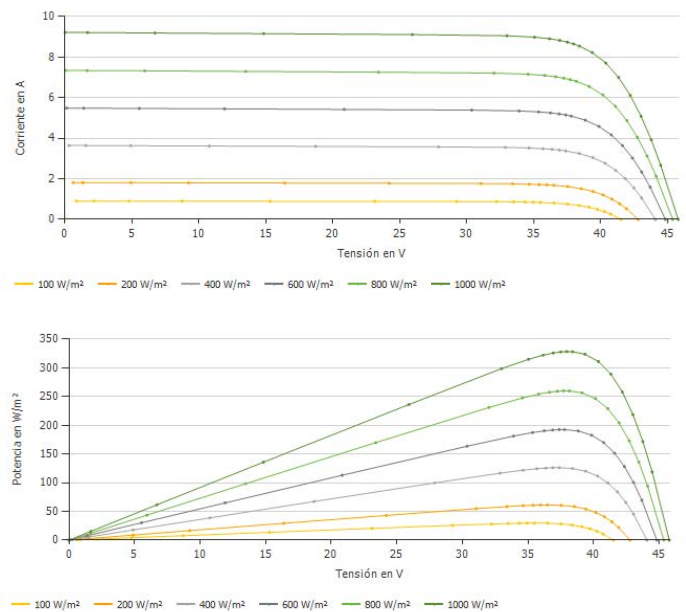
		ZT320P	ZT330P	ZT340P
Maximum power (W)	Pmax	320	330	340
Power Output Tolerance (%)		0% to +3%		
Maximum Power Voltage (V)	Vmpp	37.61	38.15	38.94
Maximum Power Current (A)	Imp	8.51	8.65	8.73
Open Circuit Voltage (V)	Voc	45.20	46.00	47.11
Short Circuit Current (A)	Isc	9.03	9.22	9.34
Cell Efficiency (%)		18.62%	19.21%	19.79%
Module Efficiency (%)		16.49%	17.00%	17.52%

\* At Standard Conditions (STC) Irradiance 1000 watt/m<sup>2</sup>, 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

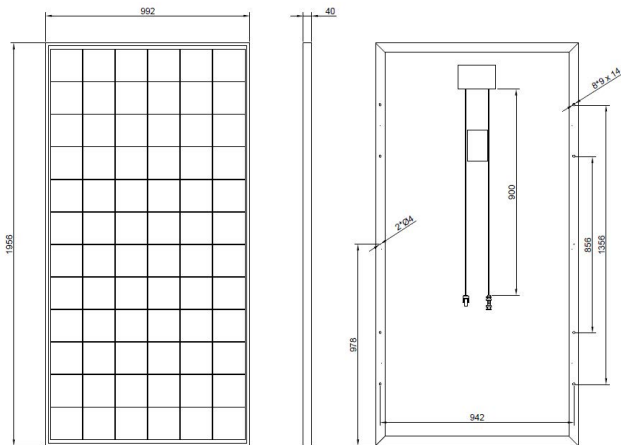
## IU and PU Curve



Front

Side

Rear



## Physical Characteristics

Module Dimension (L×W×H)	1956×992×40mm Code: PV30068-ZT320P, PV30065-ZT330P, PV30066-ZT340P
Weight	22 kg
J-Box	IP67 rated, 6 diodes
Connector	MC4 or MC4 Compatible IP67
Glass	3.2mm, High Transmission, AR Coated Tempered Glass
Cable	4 mm <sup>2</sup> PV cable, 900mm
Frame	Silver/ Black Anodized Aluminum Alloy

## Packing Configuration

Modules Per Pallet	29
Pallet Per 40' HQ Container	22 pallets and 638pcs
Packing Box Dimension (L×W×H)	2000×1150×1040 mm
Packing Orientation	Side

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

\*Dimension tolerance: ±1mm per each side