ZT Series Polycrystalline

Solar Module

5/10/15/20/30/40/45/50/55/60/70/75/80/85/90/110 POLY

ZYTECH SOLAR

Efficiency

High Module Conversion Efficiencies utilizing one or two 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

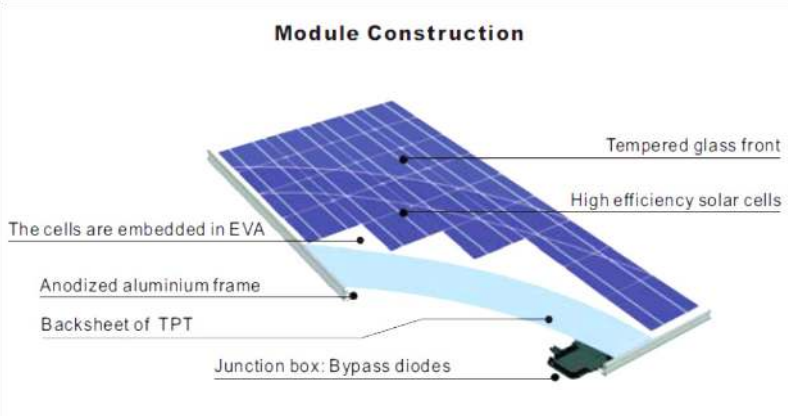


Tolerance

Strict quality control guarantees higher average power output according to tolerance ± 3%.

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



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

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Cell and system Data	
Technology	Polycrystalline Silicon
Number Per Module	36
Maximum System Voltage SCII	1000 VDC（UL1000V）
Operating Temperature	-40~+85°C

Thermal Data	
Nominal Operating Cell Temperature（NOCT）	45°C ± 2°C
Temperature Coefficient of Voc	-0.34% / °C
Temperature Coefficient of Isc	+0.045 % / °C
Temperature Coefficient of Power Pmax	- 0.47 % / °C

Product specification		ZT 5P	ZT 10P	ZT 15P	ZT 20P
Maximum power（W）	Pmax	5	10	15	20
Power Output Tolerance（%）		± 3%	± 3%	± 3%	± 3%
Maximum Power Voltage（V）	Vmpp	17.5	17.5	17.5	17.5
Maximum Power Current（A）	Impp	0.29	0.58	0.86	1.15
Open Circuit Voltage（V）	Voc	21.6	21.6	21.6	21.6
Short Circuit Current（A）	Isc	0.33	0.65	0.97	1.3
Module Efficiency（%）		16.50%	16.50%	16.50%	16.50%
Module Dimension（mm）		170x350x17	270x350x17	375x350x25	475x350x25
Weight		0.73 kg	1.09 kg	1.71 kg	2.11 kg

Product specification		ZT 30P	ZT 40P	ZT 45P	ZT 50P
Maximum power（W）	Pmax	30	40	45	50
Power Output Tolerance（%）		± 3%	± 3%	± 3%	± 3%
Maximum Power Voltage（V）	Vmpp	17.5	17.5	17.5	17.5
Maximum Power Current（A）	Impp	1.72	2.29	2.57	2.86
Open Circuit Voltage（V）	Voc	21.6	21.6	21.6	21.6
Short Circuit Current（A）	Isc	1.93	2.59	2.9	3.23
Module Efficiency（%）		16.50%	16.50%	16.50%	16.50%
Module Dimension（mm）		380x670x30	480x670x30	525x670x30	580x670x30
Weight		3.36	4.09	4.42	4.82

Product specification		ZT 55P	ZT 60P	ZT 70P	ZT 75P
Maximum power（W）	Pmax	55	60	70	75
Power Output Tolerance（%）		± 3%	± 3%	± 3%	± 3%
Maximum Power Voltage（V）	Vmpp	17.5	17.5	17.5	17.5
Maximum Power Current（A）	Impp	3.143	3.43	4	4.29
Open Circuit Voltage（V）	Voc	21.6	21.6	21.6	21.6
Short Circuit Current（A）	Isc	3.55	3.87	4.52	4.84
Module Efficiency（%）		16.50%	16.50%	16.50%	16.50%
Module Dimension（mm）		630x670x30	675x670x30	775x670x35	820x670x35
Weight		5.19	5.52		

Product specification		ZT 80P	ZT 85P	ZT 90P	ZT 110P
Maximum power（W）	Pmax	80	85	90	110
Power Output Tolerance（%）		± 3%	± 3%	± 3%	± 3%
Maximum Power Voltage（V）	Vmpp	17.5	17.5	17.5	17.5
Maximum Power Current（A）	Impp	4.58	4.86	5.143	6.29
Open Circuit Voltage（V）	Voc	21.6	21.6	21.6	21.6
Short Circuit Current（A）	Isc	5.17	5.49	5.81	7.10
Module Efficiency（%）		16.50%	16.50%	16.50%	16.50%
Module Dimension（mm）		875x670x35	920x670x35	975x670x35	1170x670x35
Weight		7.02 kg	7.35 kg	7.76 kg	9.18 kg

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

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Zytech Solar reserves the right to change specifications without notice