



**YANGDEN
SOLAR**

HERE COMES THE SUN

190W 195W 200W 200W 210W 220W 230W 240W 250W
mono-crystalline polycrystalline polycrystalline

SOLAR MODULE XTP 230/240/250 POLYCRYSTALLINE

- **International quality standards:** Product certification in accordance with international regulations: IEC 61215, IEC 61730, UL 1703 and CE
- **Guarantee:** 25 year performance guarantee (90 % up to 15 years, 80 % up to 25 years)
- **Premium manufacturing:** tempered glass, high-quality reinforced aluminum frame (snow and wind loads up to 5400 Pa)
- **Safe installation:** Waterproof connection box and -cable with MC 4 connectors (Multi-Contact)
- **Professional customer service:** 24 hour guaranteed response with local personal contact

Yangden is your partner of choice for private, small and commercial and industrial roof systems. We use top quality products by renowned manufacturers and conduct quality control testing in our own facilities.

Solar modules from Yangden Solar are characterized by high-efficiency solar technology, technological excellence, reliable delivery and a 25 year performance guarantee.

About Yangden Solar Group:

Yangden Solar Energy Holding Co., Ltd. was founded in 2002 and is a manufacturer of poly- and mono-crystalline solar modules. We have offices worldwide and have been listed on the Paris stock exchange NYSE Euronext since 2009.

Building on more than a decade of experience the company is your guarantee for a successful solar powered future.



Connector system:

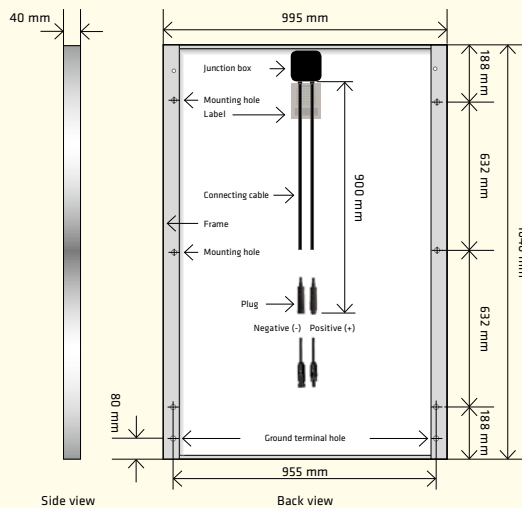


Certification:

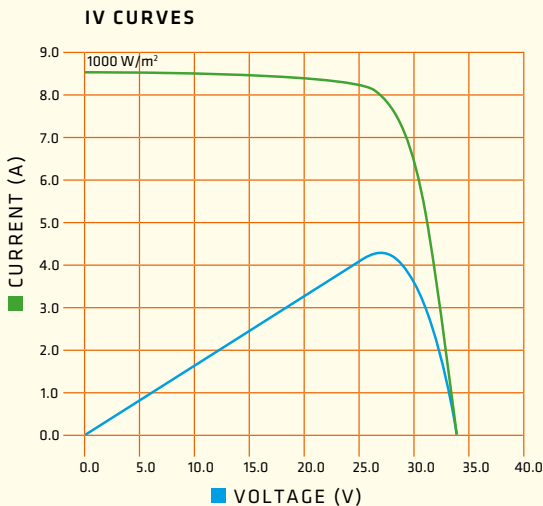


Solar module XTP 230/240/250 polycrystalline

Solar module dimensions



Solar module diagram



* Electrical characteristics in accordance with standard test conditions [STC irradiance 1000W / m², cell temperature under 25 °C, air mass AM 1.5 spectrum EN 60904-3]

Yangden Solar reserves the right to make specification changes without prior notice or errors. This data refers to a single module only and is not part of the offer. It serves as a comparison with different types of modules. Please contact us to obtain the latest specifications for our Yangden solar products before purchasing solar modules.

Electrical Characteristics*

	XTP230-29	XTP240-29	XTP250-29
Maximum Power	230 Wp	240 Wp	250 Wp
Maximum Power Voltage	29,03 V	29,42 V	30,23 V
Open Circuit Voltage	37,59 V	37,84 V	37,95 V
Maximum Power Current	7,92 A	8,17 A	8,27 A
Short Circuit Current	8,49 A	8,54 A	8,72 A
Operating Temperature	-40°C – +85°C	-40°C – +85°C	-40°C – +85°C
Maximum System Voltage	1000 VDC	1000 VDC	1000 VDC
Maximum Series Fuse Rating	15 A	15 A	15 A
Power Tolerance	+/-3%	+/-3%	+/-3%
Max. Wind Load/Snow Load	2400/5400	2400/5400	2400/5400

Mechanical Characteristics

Cell Type	polycrystalline 156 x 156 mm
Cell Arrangement	60 pieces (6 x 10)
Dimensions	1640 x 995 x 40 mm
Weight	19 kg
Front Glass	3,2 mm tempered glass
Frame Material	Rugged anodized aluminium alloy frame material
Junction Box	IP 65
Output Cables	TÜV-certified cable, length 900mm, MC 4 plug

Temperature Characteristics

Nominal Operating Cell Temperature	46°C +/- 2°C
Pmax Temperature Coefficient	-0,35% / °C
Voc Temperature Coefficient	-0,32% / °C
Isc Temperature Coefficient	+0,04% / °C

Packing Configuration

Pieces per pallet	24 pieces/pallet
Pallets per container	22 pallets (40 GP')
	10 pallets (20 GP')
Pieces per container	528 pieces (40 GP')
	240 pieces (20 GP')

Warranty

Performance guarantee 15 years	90 % of the specified power
Power warranty 25 years	80 % of the specified power output
Product warranty	10 years

Dealer

Notes

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