

# DURABLY POWERFUL

## HIGH EFFICIENCY SOLAR PANELS FOR EVERYONE

### THE ORANGE SOLAR PRODUCTLINE

The solar modules manufactured by Orange Solar Power can be classified into poly and mono categories. All of our modules are manufactured and tested with the greatest of care so that you, the consumer, can rest assured that you are purchasing solar modules of the highest quality!

### WE GIVE YOU ENERGY

Orange Solar Power is a Dutch manufacturer with a fresh perspective on the world of solar power. In everything we do we prove that solar power is accessible to everyone. Orange Solar guarantees rapid deliveries, sound quality, and excellent service.

The fact that Orange Solar uses a national network of certified contractors means you are guaranteed a quick delivery and an expert installation!



### ORANGE SOLAR OFFERS MORE

Orange Solar has more to offer than just an excellent solar installation. We offer you the opportunity to become your own energy supplier and to contribute to a better environment and so a better world. So next to the economic benefit you also become largely independent from the main energy companies.

### WHAT YOU CAN EXPECT

Below a brief summary of what you can expect from Orange Solar Power:



High cell efficiency



Easy installation



Positive tolerance 0-3%



Tested resistance



Salt & Spray IEC 61730



TÜV certified Solarif Insurance



Fast delivery



PV standards: IEC 61215:2005 IEC: 61730:2005



ISO 9001 OHSAS 18001 ISO 14001



High light transmission, low iron, tempered glass



30 year performance guarantee

### ORANGE SOLAR GUARANTEE

20 years free of material and manufacturing defects.  
12 years 90%, 30 years 80% linear performance guarantee.



### WHAT'S THIS FOR?

The table below lists the technical specifications of the product you are considering to purchase. Your contractor, of course, also has access to this information and more. Nevertheless, should you have any questions concerning this data please do not hesitate to contact our service center: by telephone at +31 (0)164 76 38 26, via e-mail: info@o-solar.com, or visit our website: www.o-solar.com.

# FACTS & FIGURES

## THE FIGURES DON'T LIE

### ELECTRICAL PERFORMANCE

Module types	OSP-XTP 250	OSP-XTP 260	OSP-XTM 260
Max. power STC (Pmax)	250 W	260 W	260 W
Voltage at max. power (Vmp)	29.9 V	30.6 V	30.9 V
Current at max. power (Imp)	8.36 A	8.50 A	8.41 A
Open-circuit voltage (Voc)	37.7 V	38.0 V	37.9 V
Short-circuit current (Isc)	8.91 A	9.03 A	8.92 A
Module efficiency	15.37 %	15.98 %	15.89 %
Operating temperature		-40°C - +85°C	
Max. system voltage		1000V DC	
Power tolerance		0~+3%	
Temperature coefficient Pmax		-0.402%/°C / -0.469%/°C	
Temperature coefficient Voc		-0.344%/°C / -0.328%/°C	
Temperature coefficient Isc		0.052%/°C / 0.035%/°C	

### MECHANICAL PROPERTIES

Cell Type	Poly 156 x 156 mm / Mono 156 x 156 mm		
No. of cells	60 (6x10)		
Dimensions	1640 x 992 x 40 mm / 1650 x 992 x 40mm		
Weight	19.5 kg		
Glass	High transparency, low iron content, AR-coating, hardened glass, 3.2 mm.		
Frame	Anodized aluminum alloy. Aluminum frame, white backsheet / full-black		
Connection cables	4.0 mm <sup>2</sup> , L 900 mm, MC4-compatible		
Bypass diodes	3		

### STANDARD PACKING

Pallet	26 modules
Container	748 modules

### PERFORMANCE

20 years free of material and manufacturing defects.

12 years 90%, 30 years 80% linear performance guarantee.

### ORANGE SOLAR ASSESSED

Many have already purchased and installed our solar modules. Research amongst both customers and contractors has revealed that, thanks to the performance and services we offer, Orange Solar scores and 8.4!

