

— ORANGE SOLAR POWER —

MONO



THAT'S WHY

DUTCH MANUFACTURER

PREMIUM QUALITY SOLAR PANELS

EXCELLENT WARRANTY

100% CERTIFIED

HIGH EFFICIENCY

20 YEARS PRODUCT WARRANTY



ORANGE SOLAR®
SOLAR POWER SOLUTIONS

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:



ORANGE SOLAR GUARANTEE

12 years 90%, 30 years 80% linear performance guarantee. Free of material and manufacturing mistakes for a period of 20 years



FACTS AND FIGURES THE EASY WAY

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 AND FIGURES

THE FIGURES DO NOT LIE

ELECTRICAL PERFORMANCE

Module types	OSP-SG270M*	OSP-SG280M*	OSP-OS280M	OSP-OS290M	OSP-OS300M
Max. power STC (Pmax)	270 Wp	280 Wp	280 Wp	290 Wp	300 Wp
Voltage at max. power (Vmp)	30.9 V	31.2 V	31.2 V	31.6 V	32.0 V
Current at max. power (Imp)	8.81 A	9.07 A	9.07 A	9.18 A	9.40 A
Open-circuit voltage (Voc)	39.2 V	39.5 V	39.5 V	39.6 V	39.8 V
Short-circuit current (Isc)	9.44 A	9.71 A	9.71 A	9.84 A	9.98 A
Module efficiency	16.50%	17.11%	17.11%	17.72%	18.33%
Operating temperature	-40°C - +85°C		-40°C - +85°C		
Max. system voltage	1000 V DC		1000 V DC		
Power tolerance	0 - 5 W		0 - 5 W		
Temperature coefficient Pmax	-0.45 %/°C		-0.43 %/°C		
Temperature coefficient Voc	-0.32 %/°C		-0.32 %/°C		
Temperature coefficient Isc	0.047 %/°C		0.047 %/°C		

MECHANICAL PROPERTIES

Cell Type	Mono 156 x 156 mm. (6 inch)
No. of cells	60 (6x10)
Dimensions	1640 x 992 x 40
Weight	18 kg
Glass	High transparency, low iron content, AR-coating, hardened glass, 3.2 mm.
Frame	Anodized aluminum alloy, aluminum frame and back, or in *full-black.
Connection cables	4,0 mm ² , L 900 mm, MC4-compatible
Bypass diodes	up to 3

STANDARD PACKING

Pallet	27 modules
Container	756 modules

PERFORMANCE

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

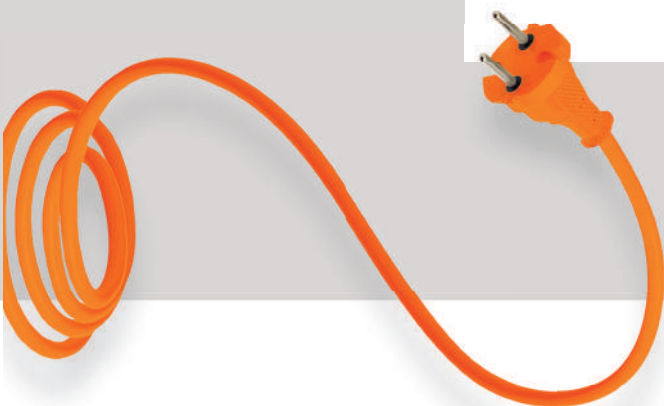
Free of material and manufacturing defects for a period of 20 years.

ORANGE SOLAR ASSESSED

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

8.4





Orange Solar Power
Belder I
4704 RK Roosendaal
The Netherlands
T. +31 (0)165 76 38 26
info@o-solar.com



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