

High Quality Customized: 10W-550W O₂ SOLAR PANELS

25 years French warranty

·Since 2009 we produce standard panels and since 2017 we produce customized panels for the major PV plant maintenance companies in Europe.

·We can make panels from 10w until 550W with any dimension and thickness. By cutting cells we can provide you with panels which electrical characteristics are similar to vintage panels and thus enable you to save on electrical distribution of your system

French Quality Standards

Black frame and full black available on demand



Any size of solar panels

Length up to 2000mm, standard frame thickness of 35 and 42mm but 38mm, 50mm or any others are possible on demand



Different colors

Glass-glass, black, white or transparent TPT, colored frame, etc.



Full cell and cell cut

We can cut cells in 2, 4 or even 6 to reach the power and electrical characteristics that you need.



Different Choices

We copy vintage solar panels from Moser Bauer, Trina, Solarworld and almost any kind that were produced since 2000

LINEAR PERFORMANCE WARRANTY



Every customized panels being unique, it's not feasible to certify each them. Therefore all our panels are produced according to:



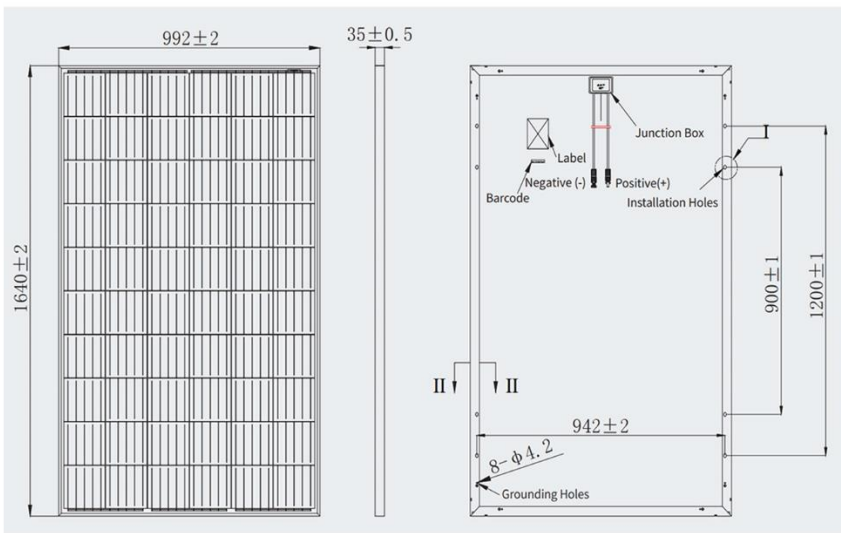
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Electrical Data (STC) of O2 solar customized panels

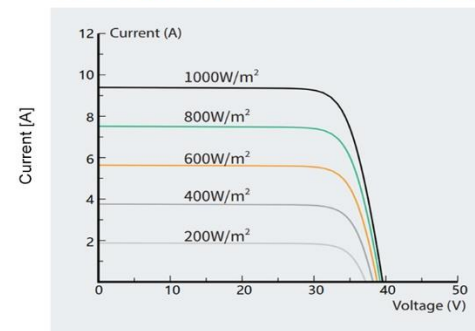
Module type		O2SD200 Excellium	O2SD215 Excellium	O2-Solar CM230/54	O2SD255 Excellium	O2SD280 Excellium	O2SD330 Excellium
Dimension		1580X808X35mm	1500x1000x42mm	1485X981X35mm	1600X1075X42mm	1500X996X35mm	1658X996X35mm
Maximum Power	Pmax (W)	200W	215W	230Wp	255W	280W	330W
Maximum Power Voltage	Vmp (V)	36.5V	26.42V	27.4V	43.97V	29.99V	34.05V
Maximum Power Current	Imp (A)	5.48A	8.14A	8.4A	5.8A	9.34A	9.7A
Open Circuit Voltage	Voc (V)	44.5V	32.19V	33.6V	53.97V	36.39V	41.23V
Short Circuit Current	Isc (A)	5.81A	8.77A	8.92V	6.12A	9.87A	10.26A
Maximum System Voltage	(V)	1000A	1000V	1000V	1000V	1000V	1000V
Tolerance	(W)	±5%	±5%	±5%	±5%	±5%	±5%

STC: Irradiance 1000 W/m², Cell Temperature 25°C, Air Mass AM1.5 according to EN 60904-3
Average efficiency reduction of 4.5% at 200W/m² according to EN 60904-1

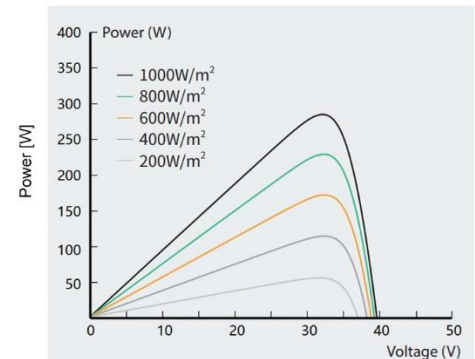
DIMENSIONS OF PV MODULE (285W)



I-V CURVES OF PV MODULE (285W)



P-V CURVES OF PV MODULE (285W)



WHY CHOSE O2 SOLAR?

- Quality of the raw materials (selection of the suppliers and tests on arrival)
- Rigorous post production quality control
- French quality standards
- 10 years history with 100% satisfied customers
- French warranty
- Logistic: Our team takes care of your logistic for you. We manage land/sea and air transport to deliver the panels to the plant where they are to be installed.
- Our study office will make a design indicating cells dimension and repartition together with mechanical and electrical characteristics.



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