



# Solar Technologies Catalog

**NEW COLLECTION 2025** 





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# Welcome Message

Welcome to the official catalog of the SUN POWER Cooperative.

We are proud to present our locally designed solar solutions created to meet the needs of families, farmers, and rural cooperatives.

Our products are not only eco-friendly and cost-effective, but also a way to valorize our country's natural resources while promoting energy independence.

Thank you for taking the time to discover our work – the result of a collective commitment to a sustainable future.



# About the Cooperative

SUN POWER is a cooperative dedicated to promoting ecofriendly and sustainable solutions for the processing of agricultural and food products.

Founded in 2023 in Tétouan, SUN POWER is an all-women cooperative specialized in the production and commercialization of solar equipment tailored to rural community needs.

#### Our mission is to:

- Produce and market solar equipment.
- Promote the professional integration of women and youth.
- Contribute to sustainable rural development.

Rooted in a family and community-based approach, SUN POWER aims to strengthen household energy autonomy and support local agricultural projects through accessible and efficient solar solutions.

# Our Goals











### Why Choose Our Products?

- Eco-friendly
- Cost-efficient
- Durable
- Effective
- Adapted to the Moroccan climate
- Ideal for fruits, vegetables, herbs, and cooking



### Our Collection

Our collection brings together a variety of solar equipment tailored to different uses, formats, and capacities.

Each model is designed to meet specific needs for drying or cooking, whether on a small or large scale.

We offer several types and sizes of solar cookers and dryers, built with durable and eco-friendly materials to deliver optimal performance for agricultural, family, or cooperative projects.



#### **Model 1: Solar Dryer**



SOLENER SSP - REF. IP-688373











Energy Source	Solar
Dimensions	86x40x45 cm
Drying Surface	4 x (36x22 ) cm <sup>2</sup>
Heating Time <sup>1</sup>	1 hour
Max Temperature <sup>1</sup>	55°C
Materials	Wood (OSB 3 without formaldehyde) – Glass
Drying Capacity <sup>2</sup>	0.47 – 1.9 kg



<sup>1:</sup> Heating time and temperature may vary depending on local sunlight conditions







**<sup>2</sup>** : Drying Capacity Fruits  $\approx$  1.9 kg; Vegetables  $\approx$  2.2 kg; Herbs  $\approx$  0.47 kg

#### **Model 2: Solar Dryer**



#### SOLENER SSG - REF. IP-688373











Energy Source	Solar
Dimensions	220x106x90 cm
Drying Surface	10 x (90x56) cm²
Heating Time <sup>1</sup>	1 hour
Max Temperature <sup>1</sup>	55°C
Materials	Wood (OSB 3 without formaldehyde) – Glass
Drying Capacity <sup>2</sup>	6 – 22 kg



<sup>1:</sup> Heating time and temperature may vary depending on local sunlight conditions







**<sup>2</sup>** : Drying Capacity Fruits  $\approx$  18 kg; Vegetables  $\approx$  22 kg; Herbs  $\approx$  6 kg

#### **Model 3: Solar Cooker**



#### SOLENER CS - REF. IP-688373











Energy Source	Solar
Dimensions	60x60x33 cm
Cooking Surface	50x50 cm <sup>2</sup>
Heating Time <sup>1</sup>	1 hour
Materials <sup>1</sup>	100°C
Matériaux	Rigid polyurethane panel – Glass



<sup>1:</sup> Heating time and temperature may vary depending on local sunlight conditions







#### **Model 4: Solar Cooker**



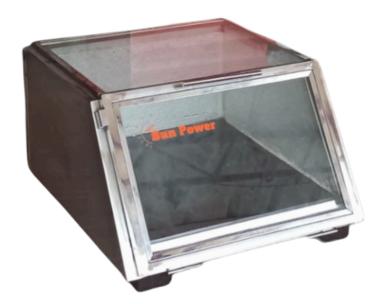
#### SOLENER CS 02 - REF. IP-688373





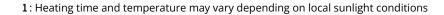






Energy Source	Solar
Dimensions	45x40x30 cm
Cooking Surface	40x35 cm <sup>2</sup>
Heating Time <sup>1</sup>	1 hour
Max Temperature <sup>1</sup>	120°C
Materials	Stainless steel – Glass











#### **Model 5: Solar Cooker**



#### SOLENER CC 01 - REF. IP-688373











Energy Source	Concentrated Solar
Dimensions	60x65x34 cm
Cooking Surface	54x50 cm <sup>2</sup>
Heating Time <sup>1</sup>	1 hour
Max Temperature <sup>1</sup>	130°C
Materials	Stainless steel – Glass



<sup>1:</sup> Heating time and temperature may vary depending on local sunlight conditions







#### **Model 6: Solar Cooker**



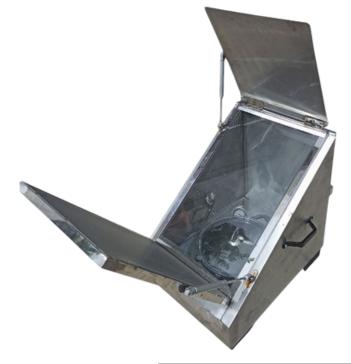
#### SOLENER CC 02 - REF. IP-688373











Energy Source	Concentrated Solar
Dimensions	53x37x45 cm
Cooking Surface	40x32 cm <sup>2</sup>
Heating Time <sup>1</sup>	1 hour
Max Temperature <sup>1</sup>	140°C
Materials	Stainless steel – Glass



<sup>1:</sup> Heating time and temperature may vary depending on local sunlight conditions









## Our Partners











غرفة التجارة و الصناعة و الخدمات لجهة طنجة - تطوان - الحسيمة الجهة طنجة - تطوان - الحسيمة الجهة المسلمة والمسلمة والمسلمة المسلمة الم







#### Royaume du Maroc



Ministère du Tourisme, du Transport Aérien, de l'Artisanat et de l'Economie Sociale



### Our Partners









# Contact SUN POWER Cooperative

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