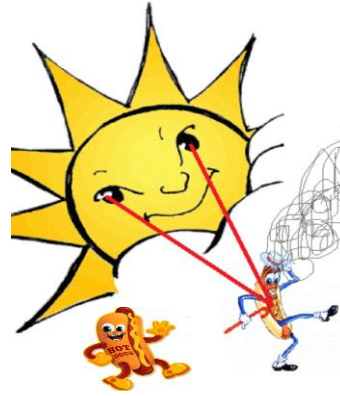


# Ensol Solar Cookers



ENS SC-1800		ENS SC-3500
1800 Watt typ	Solar generated Power	3500 Watt typ
1000 degrees	maximal focus temperature	1000 degrees
1,8 m <sup>2</sup>	dimension of mirror	3,5 m <sup>2</sup>
1..2 persons	Users	bigger family

☆ **Use sunlight to boil water or cook meals and food in an energy save and eco-friendly way. Get high temperatures up to 1200°C, capable for boiling, cooking, stewing etc.!!**

☆ **Free solar energy for cooking, how it works !!!**

- *No burning coal, no using electricity, no burning gas and firewood which will save large fund in daily cooking.*
- *It is something you can easily make which really works - saves fuel, doesn't burn your food, even makes your food taste better, no stirring.*
- *Therefore you get a widely use your solar cooker for boiling, cooking, stewing ( boil water, prepare steamed bread, boil rice/potatoes, roast meat, and much more)*

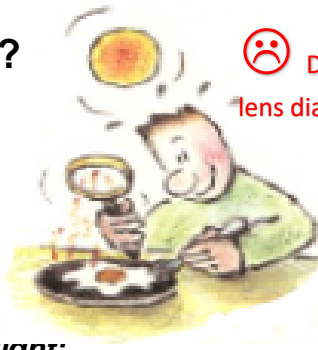
☆ **Economic benefit and social benefits!**

- *Reduce the carbon footprint, save the forests by using solar cooker, cooking where fuel not readily available, reduce electric and fuel costs.*
- *It is more and more used worldwide. It is time that you use the free sun energy potential in your home!*



# En-Sol Solar Cookers, User Info

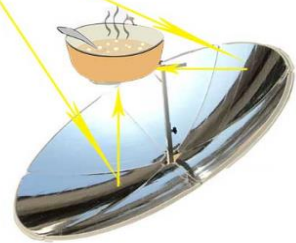
## How it works?



☹ Does not work as lens diameter too small



1,8m<sup>2</sup> area works perfectly



### Concentrating sunignn:

- Reflector inside of umbrella concentrates light and heat from the sun into a small cooking area and makes the energy more concentrated and therefore more potent.

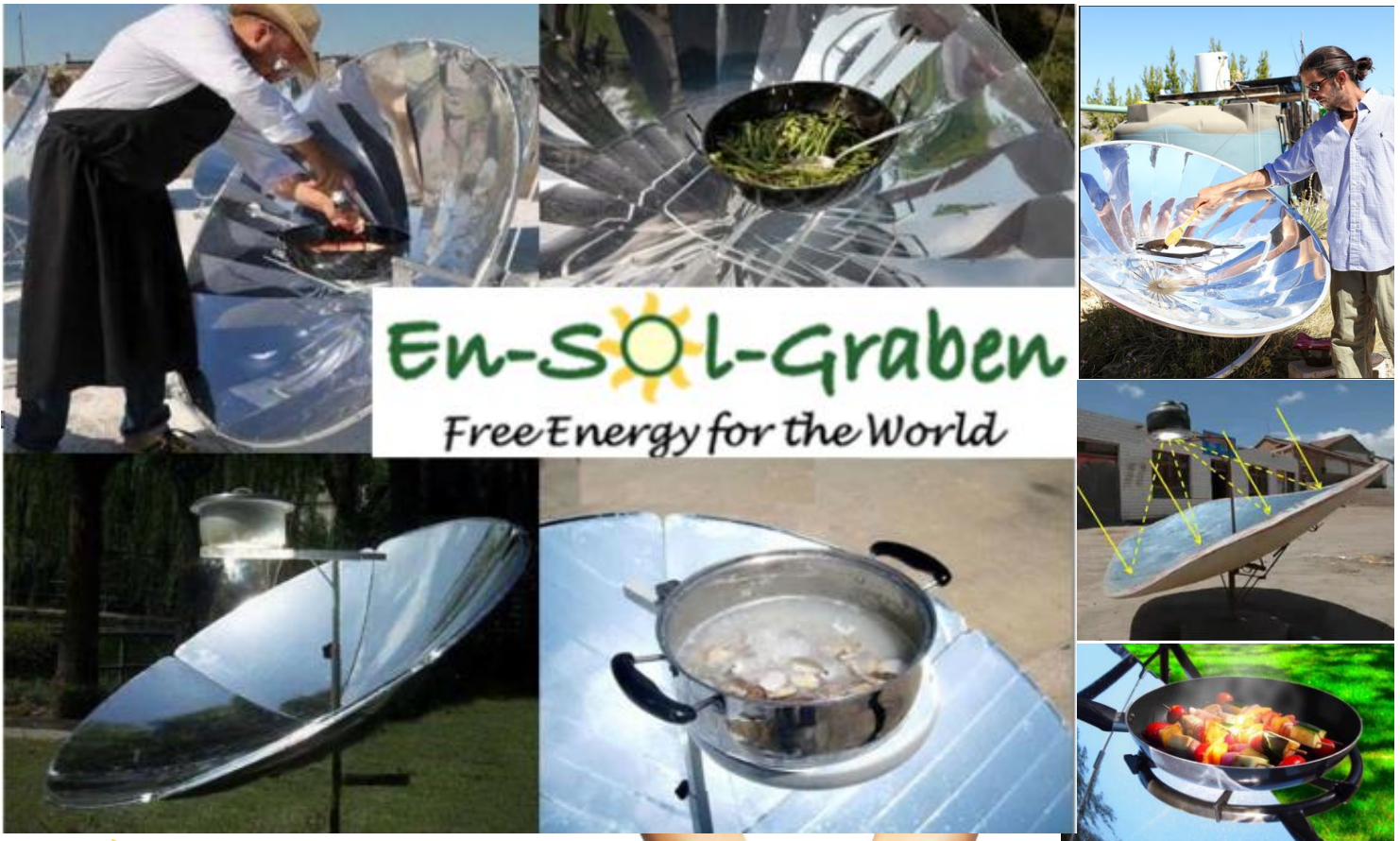
### Converting light to heat :

- Placing a pot or pan in the focal point allow you to boil water or cook. Usually solar cooker doesn't need special pots or pans but dark and thin wall pots work best because dark color absorb almost all of the sun's light and convert it into heat. Also, the better a pan conducts heat, the faster the cooker will work.

### Trapping heat:

- Isolating the air inside the cooker from the air outside the cooker makes an important difference. Pots with lids can hold steam in the pot. This makes it possible to reach similar temperatures on cold and windy days as on hot days

### Examples for usage



**En-SOL-Graben**  
Free Energy for the World

### En-SOL-Graben

#### Energy Solutions Graben

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☺ It's time to use solar cooker ☺  
:asy to use with free solar energy.



## Ensol Solar Cookers, technical details

Model	ENS-SC1800	ENS-SC3500
		
<b>Power</b>	<b>1800W</b>	<b>3500W</b>
Focus	Positive focus	Partial focus
Shape	Round	Rectangular
Power	1800W	3500W
Max Temperature	1000 degree	1400 degree
Specification	R=150CM	190X190CM
Reflector QTY	6PCS	9PCS
Material	High quality Carbon+Magnesia	High quality Carbon steel+Vacuum aluminized film
Reflective area	1.8M2	3.5M2
Thickness	0.05mm	0.07mm
focal length	60CM	110CM
Elevation(Max)	90 degree	90 degree
Depression(Min)	30 degree(360 degree Rotate)	
Operating height	100cm	120cm
N.W	18KGS	30KGS
Packing Size	70X70X15CM	70X70X15CM
Cook water time typically at noon time	37 minutes / 3kg water	17 minutes / 3kg water



