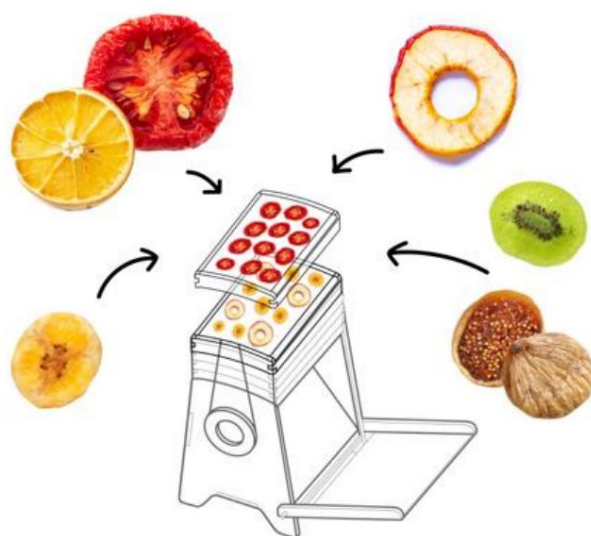




Press release

February 9, 2022

## Solar Brother unveils its latest innovation OMY : an ecological solar dryer!



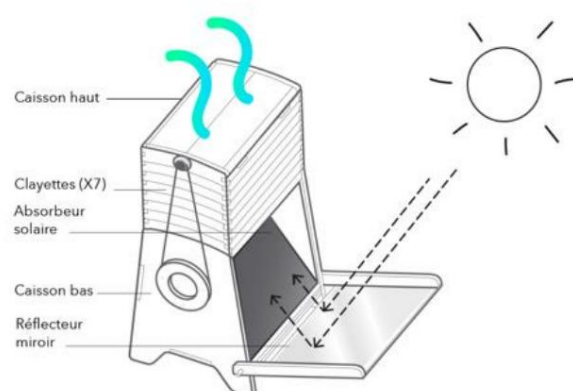
### A Made in France drying system for easy and long-lasting food storage throughout the year

Specialized in the design of ecological solar solutions, the Parisian startup Solar Brother presents OMY, an eco-designed dryer. A Made in France innovation that allows you to dehydrate fruits, vegetables, flowers or even seaweed to obtain optimal conservation throughout the year. Ultra economical and simple to build, OMY can be used at all latitudes and in all seasons. With a practical, modular and compact design, this dryer can store up to 7 kg of food...with free energy. Let's dry in the sun! Discover the Solar Brother campaign on [Ulule](#).

### OMY®, an eco-responsible design for everyone!

It is not always possible to quickly consume everything that we have harvested from our vegetable garden. Temperature variations force us to react quickly to try to store "fragile" foods, such as fruits or vegetables, pollen or flowers.

A 100% autonomous and ecological solar dehydrator, OMY is the ideal solution for reducing food waste. Made of self-managed French forest wood, in a pyramid shape, OMY works by creating a stream of warm air that wicks moisture away from food. OMY is a natural draft dryer (natural convection), with a fan powered by a solar panel to easily regulate the temperature.



Modular, with 7 interchangeable shelves (higher, lower) for each type of food, OMY uses solar energy. The mirror reflector with adjustable inclination is positioned at the bottom of the dryer to accelerate the radiation which is directed towards the black sheet "the solar absorber", located inside the drying box. The black plate absorbs the sun's radiation and converts it into heat.

## An economical solution to fight against food waste!

The OMY solar dryer has the function of drying fruits and vegetables in an ecological and free way at all altitudes and in all seasons! Whether apples, apricots, spirulina, bananas or mushrooms, between 6 and 18 hours of drying, these foods will be transformed into a compact and light form.



A perfect solution to prepare several and different snacks, but also to eat varied throughout the year. Thanks to natural ventilation and operation by sunlight, OMY can be used continuously and for any type of food. The flavors remain intact, still very rich in vitamins and durably preserved.

In addition, OMY responds to a dual need to enhance overproduction while ensuring part of its food self-sufficiency for winter days.

### Technical characteristics :

- Size: Solar collector with 7 racks H/L/W: 83x45x30 cm.
- Weight: solar collector 5 kg,
- Anodized PET SReflecT solar quality mirror: 30x50 cm
- Solar absorber: 40X47 thickness 0.5cm •  
Glass / UV resistance pmma plate: 40 x 46cm
- Rack drying area: 24x39 cm or 0.65m<sup>2</sup> for 7 racks • Solar fan system: 5V / 0.25 W
- Rotation of 4500 rpm •  
Sound emission 18 dB
- Solar panel: 6V, 1W PolyCristalin •  
Rack capacity: 1 kg of fruit

Winner of the program launched by ENGIE "Energies for Action", Solar Brother unveils OMY on the occasion of the launch of its campaign on [Ulule](#), which will promote this project centered on the values of sharing, responsible entrepreneurship and sustainable development, open to all those who wish to build a more radiant world.

### About Solar Brother:—

Created by Gilles Gallo and Gatien Brault in 2016, Solar Brother is developing a range of ingenious and "outdoor friendly" objects operating on the basis of concentrated solar energy, captured using a system of parabolic reflector mirrors: a technology as old as Archimedes and that almost everyone has experienced with a magnifying glass as children. Based on this principle, Solar Brother has designed and distributed 4 innovative products to the general public, including 3 Lépine prize-winners. They are present in nearly 300 points of sale - in Europe, with a promising launch in Japan in 2020.

Benefiting from the support of the Public Investment Bank, both for innovation and export, Solar Brother now wishes to accelerate the development of the brand internationally, particularly in Germany and the United States. Committed to reducing its environmental impact as much as possible, Solar Brother uses recycled, up-cycled materials and 0-waste packaging and French manufacturing.

For more info: <https://www.solarbrother.com/>

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