



Catalog 2025

www.solarbrother.com





Welcome to the Solar Brother family!

Created in 2016, Solar Brother® now makes it possible for anyone to take advantage of concentrated solar energy. We sell innovative products and even share free blueprints allowing you to build your own.

Our entire solar range, conceived with passion by French designers, offers innovative and sustainable solutions to people like you: explorers and enthusiasts of the great outdoors who seek a sustainable and radiant lifestyle.

You will find all of our products within these pages, and we invite you to discover and consider the many possible applications of concentrated solar energy for simple, effective and lifetime use. Use the QR codes to see online demonstration videos of each product, and please join us in this noble adventure to harness a free, clean and unlimited resource!

“Together, let’s brighten up the planet”

Gilles and Gatién

Suncase Gear®

The Suncase Gear® is a solar lighter that can be **used for life*!** A true solar concentrator, it spreads its wings and captures the sun's rays for **quick and efficient ignition.** Equipped with an extendable metal clip, it adapts to all types of fuel: tinder, fatty wood, incense, tobacco, brown paper, coal, etc. Combinable with a gas lighter for 24-hour use, it offers ultra-compact and durable dual-energy ignition!

Lighter Closed
7,6 x 3 x 2 cm

lighter opened
7,6 x 14 x 3 cm

Weight 12 g

Use



1. **Insert the fuel** up to the limit of the pins of the metal clip (not beyond).



2. Open the wings to the maximum. **Direct them towards the sun,** then concentrate the rays on the fuel.



3. Finally, **place the embers** obtained in a nest of straw and blow until you get a flame.

* Within the framework of the use of recommended use.



#Open your wings



The Suncase Gear® is a solar lighter with a compact and unique design. Its parabolic mirrors concentrate the sun's rays in a focal point that can reach temperatures of 400°C. Thus, the Suncase Gear® immediately lights all types of fuels by incandescence.

The Suncase Gear® works with 100% free energy, even in very cold weather. Waterproof and designed with unbreakable S.Reflect® mirrors, the Suncase Gear is allterrain, it slips into your pocket and can be taken anywhere. Designed for 24-hour ignition, its ultra-compact design makes it possible to integrate a gas lighter (1).



Packaging dimensions: 8 x 14 x 2.5 cm
Packaging weight: 37 g

Discover the Suncase Gear® video
The wings of the Suncase Gear concentrate the power of solar energy instantly!



DEMO VIDÉO

Adventure Kit®

The Adventure kit® is 2 in 1 survival equipment! Designed to adapt to all types of outdoor treks, it combines a flexible and unbreakable survival mirror with the Firecard® fire starter which concentrates the sun's rays for immediate ignition. With the Adventure kit®, pyrograph with precision all types of wood, leather (...) and light barbecues and campfires for life*! Ultra-thin, it slips easily into a bag and can be taken everywhere.

Dimensions
10 x 14,5 x 0,2 cm

Weight 30g

Use



Campfire: Focus the sun's rays on the fuel then place the embers in the hearth of the campfire.



Barbecue: Concentrate the sun's rays on the fuel then fan the hot embers with the pouch.



Pyrography: Place the Firecard® 12 cm from the wood and concentrate the rays in a focal point. Move the radius to engrave.

Within the framework of the use of recommended use.



The Firecard®

The Firecard® is a powerful, ultra-thin and waterproof fire starter. The sun's rays pass through the lens and concentrate in a precise focal point that can reach temperatures of 400°C for instant ignition.

The Firecard® is ideal for starting a campfire, a barbecue or doing solar pyrography on wood or leather!



Mirror S.Reflect®

Flexible and unbreakable, the warning and convenience mirror of the Adventure Kit® is adapted to the shocks of outdoor adventures. Designed with an S.Reflect® quality mirror, it offers optimal reflectivity to signal its position. It comes with international morse code.

The Firecard® and S.Reflect® mirror are stored in an easily locatable yellow protective pouch!



Packaging dimensions: 16 x 17 x 0.4 cm
Packaging weight: 50 g

Discover the video of the Adventure Kit®
Go on an adventure with the essentials in your pocket,
the sun follows you everywhere!



DEMO VIDÉO

primé au concours
lépine 2018

SunGood®

The SunGood® cooker **unfolds in 1 minute** and is easily clipped by hand. Its cooking from 120°C to 240°C uses only the energy of the sun for efficient, tasty cooking, without supervision and... without flame! You can cook and heat your dishes **wherever you want in complete safety**: forest, beach, city, campsite, balcony, garden (...). With its 950g and its ultrathin profile, it slips in and can be taken anywhere!

Cooker Closed
34 X 26 X 2 cm

Open Cooker
90 X 58 X 25 cm

Cooker weight
950 g

Use



1. **Unfold the SunGood®** and clip the edges to obtain its parabolic shape.



2. **Place the ingredients** in the black pot with its cooking bag or in the Suntutube®.



3. **Orient the mirrors** facing the sun and readjust their position every 30 minutes until the end of cooking.

* Dans le cadre de l'utilisation d'usage préconisée.



Ultralight



All over



For life*



France

SunGood®

The SunGood® solar cooker is durable, compact and foldable. It comes with its parachute canvas carrying bag and a flat stainless steel support.

Designed and made in France

Packaging dimensions: 38 x 28 x 6 cm

Packaging weight: 1.5 kg



TOTAL PACK SunGood®360

The SunGood® 360 solar cooker offers a complete solar cooking experience. the SunGood® 360 comes with 2 complementary cooking modes: the Cook UP® pot which offers gentle cooking from 100°C to 120°C and the cooking tube Suntutube® which delivers cooking temperatures from 180°C to 240°C.

Packaging dimensions: 38 x 28 x 6 cm

Packaging weight: 3 Kg



Discover the SunGood® video

Solar cooking allows healthy, ecological cooking for life!



DEMO VIDÉO

SunGlobe®

With a cooking **temperature of 200°C to 240°C**, the SunGlobe® solar barbecue can cook all recipes: in a pot, in a wok, on a plancha (chicken, ratatouille, bread, pizza, cakes, etc.). Its ecological and healthy cooking allows you to rediscover the pleasure of **the great outdoors and the flavor of food**. Its dish is equipped with an "on/ off" rotation system for safe cooking. Invite the sun into your garden !

Open parabola
ø 100 cm
Depth 30 cm
Base 120 cm
Weight 5 kg

Use



1. Place your black pot or griddle in the center of the SunGlobe® with your preparation.



2. Direct the dish to the sun using the viewfinder so that the rays are concentrated on the container.



3. Remove your dish when cooking is finished then rotate the dish facing the ground.

* Within the framework of the use of recommended use.



#a real sun

Solid, light and stylish, the SunGlobe® solar cooker will make your recipes shine!

Its 1 meter diameter parabola offers a rapid rise in temperature, winter and summer, whatever the outside temperature. Its "on/ off" rotation system offers great flexibility of orientation in the sun for optimal cooking throughout the day.

With the SunGlobe®, cook without electricity, gas or smoke with a sustainable, healthy and ecological cooking method!

Designed and made in France



Packaging dimensions: 90 x 12 X 22 cm
Packaging weight: 6 kg



Discover the Solarbrother® range
Solar cooking allows healthy,
ecological cooking for life!



DEMO VIDÉO

SunChef®

Powerful and robust, the SunChef® solar oven quickly reaches high temperatures thanks to air tube technology. Its interior volume of 6 liters to 36 liters, depending on the model, is suitable for collective solar cooking for 5 to 50 people. The SunChef® is ideal for the kitchen of chefs who wish to innovate and create, with healthy and ecological cooking, tasty recipes to share on the terrace, in the garden or while camping!

Closed cooker
65 x 50 x 20 cm

Open cooker
65 x 80 x 95 cm

weight 12 kg

Use



1. **Unfold the parabolic wings** of the SunChef® and slide the rack with your preparation into the cooking tube.



2. Turn the SunChef® facing the sun and orient the parabolic wings towards the sun using the viewfinder.



3. When cooking is complete, **remove the cooking rack** with the preparation and fold the wings.

* Within the framework of the use of recommended use.



SunChef®

The SunChef® solar oven allows you to roast, simmer or steam (vegetables, meats, breads, fish, etc.) Its cooking temperature of 180°C to 240°C, with a rapid rise, delivers a power of 400 watts. Its cooking volume of 6 liters (5 to 20 people) is ideal for sharing the taste of the sun with family or friends.

The SunChef® is equipped with two foldable parabolic reflectors with a handle for easy transport.

Packaging dimensions: 38 X 28 X 6 cm
Package weight: 13 kg

SunChef®Pro

The SunChef®Pro solar oven is designed for collective solar cooking for 20 to 50 people. Its cooking volume of 37 liters (2 times 15 liters or 4 whole chickens) is ideal for group tastings: in restaurants, camping, on the terrace, during events and occasional events.

In order to orient it facing the sun, the SunChef®Pro is equipped with a motorized rotation system powered by a solar panel. Its astonishing design, its efficient cooking and its ease of use will make it the asset of great chefs! Cook with the SunChef®Pro for unique, tasty and remarkable tables.

Packaging dimensions: 120 X 130 X 210 cm
Package weight: 120 kg



Discover the Solarbrother® range
Solar cooking allows healthy,
ecological cooking for life!



DEMO VIDÉO

OMY®

With the OMY® solar dryer, dry and preserve your fruits, vegetables, aromatic and medicinal plants for a long time. It is an ancient, effective and healthy method! Modular, it is designed with a system of 3 interchangeable racks (expandable to 7 racks). The food is arranged on a grid or on a spit in order to choose the ideal drying solution for each food. When the harvest is there, the sun is there, let's take advantage of it!

Closed dryer
70 x 50 x 35 cm
Weight 11,15 kg

Use



1. Place the fruit and vegetables in thin slices on the stainless steel grid then place it on the sensor.



2. Close the dehydrator using the rope, direct the mirror towards the sun and activate the solar ventilation.



3. Interchange the racks if necessary. When the food is dried, place it in an airtight jar.



#sun drying is good

OMY® is a solar dryer equipped with a "booster" reflector for use in all latitudes and all seasons. It is designed with an electric ventilation system powered by a solar panel for optimal drying. OMY® is supplied as a kit to be assembled..

Designed and made in France

Packaging dimensions: 52x42x20,8 cm
Package weight: 11,15 kg



Discover the video of the OMY® dryer
Solar food drying is an old, effective and healthy method!



DEMO VIDÉO



Modular



Air flow



Eco-designed



France



SunLab®

The SunLab® cooker introduces children to the use of solar energy in an educational and gourmet way. It works exclusively with the energy of the sun and allows children to experience gentle cooking in 3 steps: 1/ build your oven, 2/ imagine your recipes, 3/ heat your dishes. Without flame or smoke, it offers natural and safe cooking. Reusable several times, it is the ideal workshop for young chefs who innovate!

Cooker closed
27,5 X 19,5 X 5 cm

Open cooker
27,5 X 19,5 X 24 cm

Weight 300 g

Use



1. Build your oven with "the 3C rule": Concentration. Conservation. Capture.



2. Invent your own fruit skewers with chocolate fondue or vegetable and cheese sandwiches.



3. Place your oven in the sun: it gets hot! Gentle solar cooking from 40°C to 80°C (without fire).



#learn with relish

The SunLab® solar cooker is much more than a toy! It allows children to cook their own recipes "like adults" while discovering the efficiency of solar energy, clean, available and sustainable energy.

Packaging dimensions: 27 x 22 x 5 cm
Packaging weight: 300 g

Designed and made in France



DEMO VIDÉO



Discover the SunLab® video

Introducing children to energy alternatives with relish is good...for the planet.



SunMoove®

Our SunMoove® solar chargers are designed with **High efficiency** monocrystalline "SUNPOWER™ cells" for **25% to 35% more powerful** output than conventional cells. Efficient, equipped with a charge indicator, they are essential allies for efficiently maintaining electrical equipment under charge. Robust and compact, they adapt to all outdoor outings: cycling treks, hiking, kayaking (...).

Use



1. Open the solar panel and connect the device to the panel at the iPhone, Micro USB or USB-C socket.



2. Orient the panel perpendicular to the sun's rays for optimal use.



The SunMoove® works in **all seasons** regardless of the outside temperature.

6,5 Watts / Intensity 1300 mA
Dim. closed 14 x 10 x 3 cm
Dim. open 14 x 40 x 1,5 cm
Weight 190 g

16 Watts / Intensity 3200 mA
Dim. closed 26 x 16 X 3 cm
Dim. open 26 x 48 X 1,5 cm
Weight 490 g

SunMoove® 6.5 Watts

With its 4 foldable and ultra-thin panels, the SunMoove® 6.5 Watts charger is compact and ultra-light, only 190 g! Ultra-compact, it slips into the pocket for daily use. Compatible USB-C / Micro USB / iPhone cable.

Packaging dimensions: 22 x 13,5 x 4 cm
Packaging weight: 305 g



SunMoove® 16 Watts

Produce your own energy during outdoor outings all over the globe! The SunMoove® 16 Watts solar charger attaches using carabiners to your bike, backpack, kayak (...) for on-the-go use. It is equipped with high-efficiency "SUNPOWER™" cells and offers a large capture surface for high performance. Compatible USB-C / Micro USB / iPhone cable.

Packaging dimensions: 34 x 20 x 5 cm
Packaging weight: 615 g



Discover the SunMoove® video
Solar energy is an available energy,
discover its many applications!



DEMO VIDÉO

SunSun®

2000

The SunSun® lantern is both a 10,000mAh USB battery and a powerful, compact, waterproof [IP67] and portable LED lantern. With the SunSun®, quickly recharge all your mobile devices wherever you are: camera, smartphone, camera, etc. The SunSun® lantern is designed to accompany you on the most extreme journeys thanks to its robustness and its large energy reserve!

Dimension
20 X 9 X 3 cm

Capacity
10 400mAh

Weight 295g

Use



1. Charge your battery with a SunMoove® solar panel 16 Watts or a usb socket.



2. Recharge your tablet or smartphone (...) by plugging it into the battery with power cord.



3. Switch to LED lighting mode with powerful and long-lasting night lighting by pressing "on".

200 Lumens

With the SunSun®, light up wherever you are! Its lantern is integrated into the power supply to deliver 10 hours of autonomy with high lighting power (16 LEDs/ 3W). In addition, it has an SOS signal function when needed and an LED charge indicator to show the remaining battery capacity.

Packaging dimensions: 21 x 18 x 12 cm
Weight of the package: 400 g



Powerful battery



The SunSun® battery power pack contains a powerful 10,400 mAh battery large enough to charge a mobile phone up to 4 times: smartphone, android devices, iphone (...). Once charged to the maximum, it can have up to 46 hours of autonomy. You can quickly charge almost all smartphones, Android devices and iPhones.



Discover the Solarbrother® range
Solar energy is an available energy,
discover its many applications!



DEMO VIDÉO

SunWater®



The SunWater® solar shower is essential during your outdoor outings to ensure good hygiene. In addition, designed in TPU material, **100% suitable for food use**, it can store drinking water for a water autonomy of 7 to 15 liters. With a flexible and compact design, **it slips easily into a bag** and accompanies you during bivouacs, campsites or treks!

Shower size
7L : 45 x 32 cm
15L : 58 x 40 cm

Empty, Weight:
7L: 290g
15L: 375g

Use



1. Fill the SunWater® solar shower with water after unscrewing the cap on the upper part.



2. Hang the SunWater® using its strap under direct sunlight so that it absorbs the heat from the sun's rays.



3. Once the water is at the desired temperature, **turn the knob** to adjust its flow and take a shower.

Heat the water up to 50°C

The SunWater® shower captures and absorbs heat from the sun's rays to heat shower water. Its temperature reaches up to 45°C in 3 to 5 hours (depending on the model) with direct exposure to the sun. The SunWater® also allows you to clean and rinse your outdoor equipment.

Designed with reinforced side edges, the SunWater® is sturdy and leakproof for long-lasting use.

It is equipped with a temperature indicator to inform you of the correct water temperature, a clip-on knob with adjustable flow rate and a hanging strap. Compact, it folds, transports and stores easily.



7 Liters

15 Liters

Store drinking water

The body is composed of 60% to 70% water, depending on the morphology. Water is an essential element for all vital processes. With a capacity of 7 or 15 liters, the SunWater® allows you to store drinking water to ensure good hydration during outdoor outings. Designed in TPU material and PBA-free, it allows a water autonomy of 48 hours renewable after each use.



Discover the Solarbrother® range
Solar energy is an available energy,
discover its many applications!



DEMO VIDÉO

AA batteries



Fast Charging Lithium Battery
1.5 Hour charge time



1000+ Charge Cycles
Start saving money



Built-In LED Charging Indicator
Lets you know when fully charged

Dimension
packaging :
17*13*3 cm
Weight : 150g

MSRP : 29,99€TTC

Pale Blue AA or LR06 batteries work with all your everyday devices, including remote controls, joysticks and toys.
Pale Blue batteries can be adapted to any situation, thanks to their USB C port. Capable of over 1000 recharge cycles, they'll save you money and put an end to the wasteful use of traditional disposable batteries.

Use



Fast USB Charging
Fully charged in as little as 1 hour so you can get back to using your devices.



Reduce Waste
End the needless manufacturing, transportation and plastic of single-use batteries



Save Money
Stop wasting money on disposable batteries. Start saving with every recharge.



AAA batteries

Pale Blue AAA or LR03 batteries work with all your everyday devices, including remote controls, joysticks and toys.
Pale Blue batteries can be adapted to any situation, thanks to their USB C port.
Capable of over 1000 recharge cycles, they'll save you money and put an end to the wasteful use of traditional disposable batteries.

Dimension
packaging :
17*13*3 cm
Weight : 100g

MSRP : 29,99€TTC



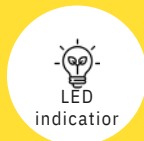
Paleblue batteries charge up to 10x faster than conventional rechargeable batteries.



40% lighter than conventional batteries



Integrated LED indicator, informs you of charging status



Discover Pale Blue's range
USB Rechargeable Batteries

Ditch Disposables: Save Money & Reduce Waste

[DEMO VIDEO](#)



“Solar Brother is above all a human adventure.”

It is with commitment and passion that we share and spread our knowledge to make the use of solar energy accessible to all.

We unite women and men around this project centered on the values of sharing, responsible entrepreneurship and sustainable development through numerous collaborations and partnerships.

In addition, Solar Brother® publishes blueprints and user tips (downloadable for free) for use by DIYers, such as a portable solar cooker, a solar barbecue, a solar water heater, etc.

Solar Brother® donates 1% of its turnover to associations which also wish to spread knowledge of solar power around the world.

In 2022 we obtained ESUS* approval



* Solidarity company of social utility

