

Clean And Renewable Energy On The Move

THE PROJECT

The **Photon Solar Systems** project was created to meet needs for **energy continuity, autonomy and resilience**.

Transportable and operable in less than 60 seconds, our patented devices capture solar energy, then store and deliver immediately usable electricity.

Traditional generators are bulky, unrobust and polluting. And they do not cover the full range of functionalities (e.g., they must be powered or recharged by external sources).

Photon Solar Systems, on the other hand, is entirely dedicated to developing robust solutions that **support users' energy needs from the first step to the last**.

In fact, the **Photon MK4** generator we created represents a solution quite distinct from others on the market: **all-in-one, compact, durable**, and ready to provide **renewable continuous energy anywhere**, in any situation.

All **enclosed in a case** that is **easily transportable and usable by one person**.

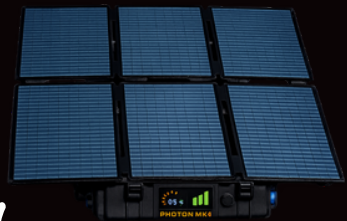
Our **patented devices support "off-grid" energy needs** (far from traditional energy sources) for **emergencies, defense, remote work, and private use**, as well as **rescue operations**.



NEED MORE POWER? SIMPLY COMBINE MORE THAN ONE DEVICE, THANKS TO ITS MODULAR DESIGN



240W INTEGRATED SOLAR PANELS
1800Wh CAPACITY



2000W OUTPUT
POWERS UP THE FOLLOWING



20
RECHARGES



8
HOURS



5
RECHARGES



48
HOURS

CONTACT US

 info@photonsolarsystems.com

 www.photonsolarsystems.com



+39 338 179 27 97



[Photonsolarsystems](https://www.photonsolarsystems.com)

FOR MORE INFORMATION



CONTEXT

Frequent **disruptions**, **power outages**, **lack of energy infrastructure** in remote areas, **emergencies**, and **whopping energy costs** have highlighted the urgency of developing a device capable of meeting these challenges, providing users with continuous **energy backup and autonomy under all circumstances**.

Both **Photon MK4 generator** and **Photon B36 battery pack** solutions, thanks to their innovative and **patented technology**, offer **robustness and versatility**: they resist **all weather conditions** and are protected by a **case** capable of **withstanding all shocks, water and dust**, in order to ensure **maximum protection** in all conditions.

HOW IT WORKS

1. Capture



2. Store



3. Power up



Photon Solar Systems has succeeded in enclosing an entire photovoltaic system in a compact and particularly robust briefcase.

Ready to use in less than a minute: activate the device by opening the case and deploying the solar panels on top of it, in order to:

- **capture solar energy** through the integrated panels,
- **store it** in high-capacity batteries,
- **provide electricity on the move** and in the absence of traditional sources, with ease.

PORTABILITY

Already available:

- Backpack Kit
- Trolley Kit



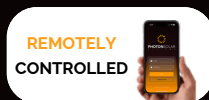
MAIN ADVANTAGES



**TOUGH
&
RUGGED**



WATERPROOF



**REMOTELY
CONTROLLED**



**SOLAR
TRACKING
TECHNOLOGY**

"SMART" BY DESIGN

The "**all-in-one**" configuration, thus conceived and implemented, **built into the briefcase** allows it to:

- **solve the problems** of **fragility** and **weather resistance** typical of fixed panels, batteries and traditional electronics,
- be **30 percent lighter** than a generator,
- guarantee **total safety** from fires and explosions due to the absence of fossil fuels,
- **avoid** both the **high costs** and **static** nature of panel **installations**, while also orienting itself in complete autonomy (with Solar Tracking tech).

APPLICATION AREAS



Defense



Emergency



Business



Remote locations

SUPPORTED BY

