



## Press release

### **More efficient, safer and more flexible**

#### **Smartvolt launches new version of its foldable solar system**

*Selzach, October 1, 2025.* The Swiss manufacturer Smartvolt AG has optimized its foldable PV system SmartSolarBox. From now on, the pre-assembled PV solution for flat roofs, conversion and crane parking areas is capable of carrying lightning protection from the factory. Because the scalable plug-and-play system can be dismantled quickly and easily, it is also suitable for roofs in need of renovation and seasonal systems. For off-grid applications, the new solution for containers can save expensive construction electricity.

Installers can order the SmartSolarBox directly from the Swiss company or from its license partners throughout Europe. They deliver the PV system, which has been patented in Europe, pre-assembled, wired and ballasted directly to the construction site on returnable pallets. A crane brings the SmartSolarBox to the roof, where all you have to do is unfold it. A maximum of three installers only need a cordless screwdriver for installation. Without roof penetration, they can install the system made of Magnelis on flat roofs made of foil, bitumen or gravel up to an inclination of 5 degrees. Storage and charging infrastructure can be supplemented. Module optimizers and module inverters can be integrated ex works.

#### **Assembly time further reduced**

"The SmartSolarBox is the only foldable solar system with lightning current capability ex works and retrofittable fall protection," says Smartvolt CEO Andreas Fankhauser. Previously, installers had to retrofit lightning protection. Because the new version is now also suitable for 600-watt modules, Smartvolt has succeeded in reducing the installation time even further. Instead of 200 kilowatts per day as before, three solar installers can now install even 300 kilowatts per day.

"Whether it's an industrial roof, construction site container or crane parking area of a wind farm: solar installers can build our system safely, quickly and efficiently and save a lot of manpower in the process." Because the crane carries the entire weight, including ballast, no one has to haul modules or heavy stones, which increases both employee health and occupational safety.

Fankhauser adds: "With the SmartSolarBox, we want to revolutionize the international solar market for flat roof systems. Since its market launch in Switzerland in 2015, we have intensively tested the system in practice and continuously developed it. It has now been installed by customers throughout the DACH region, as well as in Denmark, the Netherlands, Norway and Sweden."

#### **About Smartvolt**

Smartvolt AG, headquartered in Selzach (Switzerland), is an innovative provider of integrated solar solutions for trade and industry. The company stands for quality, safety and ease of implementation – from container solutions to modular roof systems. With the new SmartSolarBox, Smartvolt AG is setting a milestone in safe, scalable photovoltaics for flat roofs and off-grid regions.

#### **Caption 1:**

Safe: The new version of the SmartSolarBox has an attachable certified fall protection.

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#### **Caption 2:**

Efficient: The SmartSolarBox is quick and easy to install.



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**Caption 3:**

Flexible: Smartvolt now offers a container solution for off-grid applications.

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