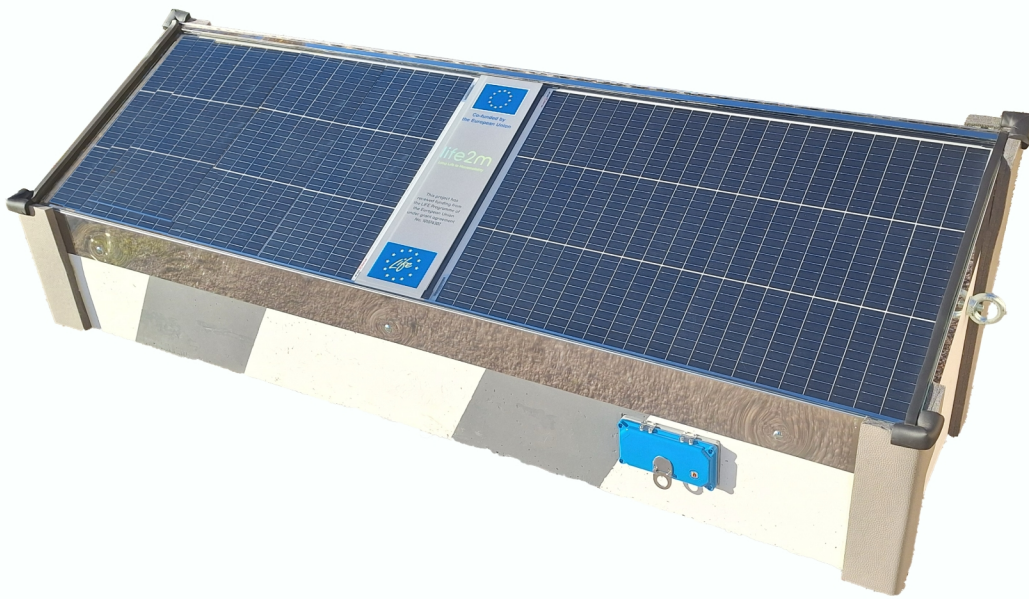


Smart Kerb

The SMART Kerb is equipped with photovoltaic panels and it is ideal for charging mini electric vehicles. It is completely autonomous: it does not need connection to the electricity grid. The SMART Kerb has been designed to be positioned at the edges of cycle paths/roads/parking lots/squares.



The SMART Kerb is elegant, robust and weatherproof. Its main body is made with a mix of concrete and recycled inert material.

On the upper part (inclined by 30° to optimize the efficiency of solar energy conversion) there is a frame that supports two 200W/36V photovoltaic panels. The panels are protected by a glass panel made of two sheets of tempered and laminated glass and sandwiched between them there is a vinyl butyrate (PVB) film. This film provides impact protection; it also serves as an anti-vandalism layer. A layer of self-cleaning paint has also been applied to the glass surface. A layer of photocatalytic paint has been applied along the sides of the Kerb to mitigate vehicle pollution.

The SMART Kerb is charged by monocrystalline silicon solar panels.

The SMART Kerb is built with high-quality and recyclable materials according to current regulations. Its advanced technologies ensure maximum effectiveness and durability. It is designed for outdoor environments, preferably for the sides of cycle paths, roads, parking lots, and squares. This structure is easy to install and requires no special maintenance. Furthermore, it is offered at a very competitive market price.

IT IS EASY TO INSTALL AND IT CAN BENEFIT FROM CURRENT TAX RELIEF

The SMART Kerb is also compatible with batteries with graphene supercapacitors, allowing for an 80% charge in less than 15 minutes. The Kerb is equipped with two charging poles (one at the front and one at the rear along the long sides, each equipped with a 20A and a 50A socket).

E-bikes and scooters must have a power supply voltage of 36 Volts.

Main Features:

- Station: 2
- Monocrystalline Solar Panels: 2 x 100W/36V
- Dimensions: 2000x535x610.5 mm (WxDxH)
- Weight: approximately 400 kg
- Graphic Customization: customer logo and/or name
- Solar panel dimensions: 905x580x30 mm (WxDxH)
- Solar panel voltage: 70 V
- Solar panel weight: 6 kg

