

Wattway

—Next-generation solar powered pavement system—

Wattway

—Système de revêtement routier photovoltaïque
de nouvelle génération—



About Wattway

Wattway is a revolutionary photovoltaic paving system that installs photovoltaic panels to the road surface of car parking and other paved roads. The surface of Wattway solar panel is coated with a special resin, allowing cars, pedestrians and bicycles to pass through. By installing it on road surface, power generation equipment can be installed without disturbing the surrounding landscape.

Features of Wattway



Does not get damaged during typhoons or other storms



Effective use regardless of land size



Self-generated energy and can be used independently during a disaster



Easy installation without modifying existing pavement



Inconspicuously harmonizing with the surrounding architecture and landscape



Koshu City, Yamanashi Pref., Japan
6 units of Wattway Pack are installed as a power source to charge two electric kick scooters for moving inside the premises.

Wattway Pack

Wattway Pack is a versatile, independently operated power generation system. Power supply can be provided for all kinds of electrical and IoT devices, not only in urban areas but also in rural areas. We propose this as a system for charging rechargeable batteries with renewable energy generated by Wattway. It is possible to implement a design that considers the interconnection with the grid power source, enabling effective use of surplus power. It functions as an emergency power source during a disaster. It has been connected and installed with various electrical facilities and devices (charging stands for electric bicycles and kickboards, surveillance cameras, smart bus stops, traffic information boards, lightings, etc.).

Features

