

CUSTOM-MADE PHOTOVOLTAIC PANELS FOR INDUSTRIAL SOLUTIONS



Let Soltech design off-grid photovoltaic solutions as an extension to your product portfolio.



Examples

- Parking meters
- Street lighting
- Swimming pool covers
- Traffic signs along the road
- Maritime buoys
- Telemetric systems
- Communication systems
- Embarked electronics
- Emergency telephones on highway
- Bus shelters

Examples of custom-made photovoltaic modules

Emergency roadside telephones

Along roads and motorways, there is an increasing demand for photovoltaic emergency telephones and other signalling devices. The relevant authorities see many advantages in PV installations, in particular the longer lifetime expectancy of the appliances because no underground cabling is needed for standard electrical supply: such cables are frequently damaged by road works or rodents.

Bus stops

Bus stops in many rural areas have no safety lighting often because the connection to the public electricity grid poses technical or financial problems. However lighting has today become essential necessity:

- It increases the security of the waiting passengers, in particular for children (school buses)
- It enables travellers to read information timetables and other network information
- It enables bus drivers to clearly see waiting passengers
- It is a deterrent to vandalism

Telecommunications

To maximize the strength and range of radio signals, transmitters are often installed in very hostile environments such as on mountain ranges, on remote islands, in deserts, even at sea. These locations are generally inaccessible to any electricity grid. Photovoltaic solutions are thus the most efficient solution in this case, thanks not only to their proven reliability, but also for the factx, that they require the most minimum of maintenance.

Public lighting

A solar energy system requires less investment to install, is free in use and has proven longterm life. The installation of self-generating illumination systems for street lighting, traffic signs, public places, squares, sport facilities, markets and so many more applications, reduces – if not eliminates – standard electricity costs.

Personalised photovoltaic modules: a new communication tool

Soltech can effectively create a new promotional or advertising medium within solar installations. For further information on this aspect, please bring your interest to our attention during initial project consultations.



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