

Triangular

Triangular BaWare customizable aluminium solar mast characterized by vertically integrated photovoltaic cells mounted on all three faces of the triangular profile. It comes in 4-12 meter height, and has a simple, yet elegant design that Scandinavian lighting design is known for.

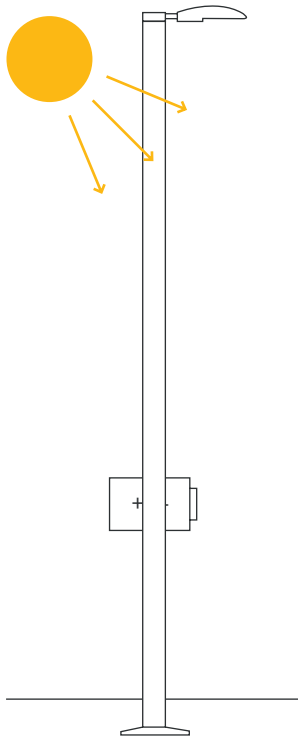
Suncil® Triangular comes with tailored Smart City solutions, and is an ideal solar provider for larger street, road and highway projects as well as pedestrian areas.

FEATURES:

- » Customizable aluminum solar mast
- » Range 4 - 12 m height
- » Extruded aluminum profile
- » Operating temperature -25C... + 65C
- » The column can host sensors and a variety of Smart City add-ons
- » Standalone, Grid Connected and Hybrid
- » Poly/mono crystalline solutions

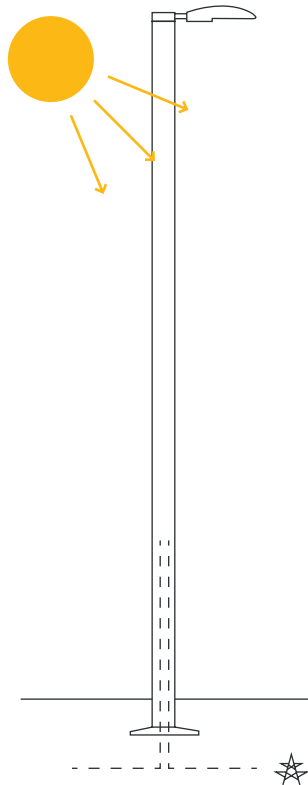


ENERGY SOLUTION



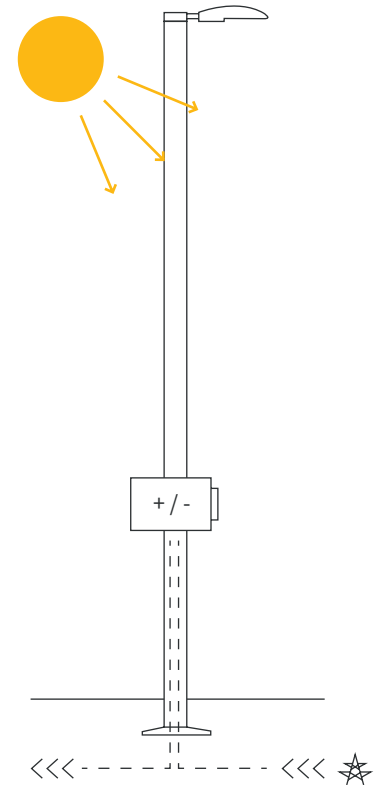
STAND ALONE:

The stand alone system is based on the plug and play principle. The mast only needs to be installed on foundations on site and will be operating immediately.



GRID CONNECTED:

The energy harvested from the photo-voltaic modules is fed directly into the grid. During the night, energy is taken from the grid to power the light and any other electronic components on the mast. The basic theory behind Grid Connected is that the system can assist the grid during busy daytime periods and then buy back power at night when electricity may be cheaper.



HYBRID:

The Hybrid system is connected to the grid, but also has integrated battery storage. This enables maximum efficiency of energy harvest and option for grid buffering. Distributed storage is often seen as an important element to the green energy transition and the Hybrid system provides the ideal infrastructure for this. The solution ensures 100% security for light in areas where unstable grid is part of the reality.

We offer three power configurations - Stand Alone, Grid Connected and Hybrid - which enable us to assist all our customers on a much broader range of street lighting projects.

Our market leading control system manages the energy harvest, energy storage and energy dispatch as well as other functionality on the mast.

Power configurations are a prerequisite for any solar provider. Flexibility, customizability and dependability are key components of our energy solutions, when we assist customers on their street lighting projects.

By offering not only a Stand Alone solution, but also Hybrid and Grid Connected, we have the ability to add value to any project regardless the specifications. This makes us a key provider for the global lighting market, tailoring our solutions to the individual customer.