SUNCAP: Solar cells for construction sites

WWW.CP.DK

Simple solution for emission-free operation of office and staff facilities

SunCap mounted on the roofs of office and staff facilities provides a supplemental, CO2-neutral energy supply for heat pumps, hot water, coffee machines, lighting and everything else construction crews and management need.

In 2021 we launched SunCap, a solar cell system designed to meet the construction industry's increasing demand for sustainable solutions.

Easily adapted to our 3–4-meter modules, SunCap consists of two parts, an iron frame and solar system connected to the grid to supplement on-site energy consumption.

INSTALLATION PERMIT REQUIRED

An installation permit must be applied for from the power supplier via a certified electrician. CP is happy to help you with the application process, which takes 2–3 weeks.

OPTIMAL PLACEMENT ENSURES OPTIMAL YIELD

Importantly, before renting one or more SunCaps, begin by assessing your surroundings to determine if the installation site gets enough sunlight. Moreover, it must be possible to position the modules to ensure optimal use of the solar system.

We're happy to visit you on site to guide the process.

SOUTH-FACING POSITION REQUIRED

If the module faces south, one SunCap can produce up to 6.270 kWh per year. This results in savings of 890 kg C02 in energy consumption (Kwh* 0.142 emission factor in 2021).

DOCUMENTATION: DATA STORED AUTOMATICALLY

SunCap, an ideal solution for reducing C02, has a positive effect on your climate footprint. The data, which is stored automatically, can be tracked on a display in the module (add-on service available for purchase separately).

TECHNICAL AND PRACTICAL INFORMATION

SunCap is approved for mounting using the lifting lugs on the modules.

SunCap can be mounted on outer modules placed on the ground, but this is not possible if the modules are stacked in two stories.

- The side of the frame measuring nine meters must face south.

- Preferably, there should be no shade since it reduces energy production.

- The space over the installation area must be open since long chains and straps are used during installation. For example, there must be no overhead lines.

- SunCap connects to the module with a standard 32A plug.

If SunCap produces more electricity than is consumed, it is sent back to the grid and sold, after which you are paid directly. This is why having a meter on site to measure the return current is a good idea.

QUESTIONS

Please don't hesitate to contact us if you have any questions.

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