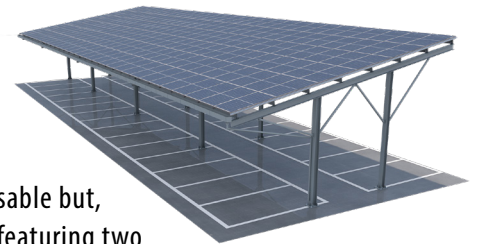




Data sheet

Simply Better IROC® CP for Carport-PV-Systems

With the IROC® CP Carport-PV systems, parking spaces of any size become not only more usable but, more importantly, more profitable. The IROC® CP / double centered columns substructure, featuring two central posts under the PV roof, is custom-designed according to customer specifications and manufactured from hot-dip galvanized steel. The large distance of up to ten meters between the centered posts ensures easy parking and maneuvering. The particularly long roof pitch of up to 20 meters not only creates large PV surfaces for energy generation but also provides significant safety advantages in combined pedestrian and vehicle traffic. For instance, parked cars can be safely accessed via the centralized walkway. Additionally, it offers exclusive customer comfort with reliable sun protection on hot days and rain or snow protection on cold days. The specially developed and water-conducting IROC® Evolution profile ensures a dry walk for customers from point A to point B. The IROC® CP / double centered columns substructure is available with an elevation angle ranging from 5° to 20°.



Advantages:

- ✓ **Large areas become profitable**
- ✓ **Customized and project-specific planning according to customer requirements**
- ✓ **Stable construction made of hot-dip galvanized steel**
- ✓ **High customer comfort thanks to sun, rain, and snow protection**
- ✓ **Reduction of own electricity costs**
- ✓ **Image: Commitment to sustainable energy generation becomes tangible**

Project design

Eurocode calculation of the structure according to geographic area

Weather resistance

Cyclonic zone suitable

Foundation

Foundation by pre-sealing plate

Material

Hot-dip galvanized steel

Module size

Adaptable module format thanks to the flexibility of the Profil Evolution system

Module orientation

Portrait or landscape mode according to installation instructions

Mounting angle

5° to 20°

Length of roof pitch

12 to 20 meters

Guarantee

10 years

