

## Simply Better IROC® DP for Flat Roofs / Pitched Roofs

The IROC® DP flat roof system is lighter, more cost-effective, and faster to install than conventional systems.

The continuous base rail is an integral part of the IROC® system, ensuring the connection of rows. This design requires less ballast compared to standard systems without a continuous base rail. The base profile can also be used for individual cable routes.

Our IROC® DP substructure is aerodynamic, requires minimal ballast, and, thanks to the ridge connection, does not penetrate the roof. All our components have been statically proven. Pre-assembled components further reduce installation time. Additionally, disassembly for potential roof maintenance is easy. The system is packaged in a space-saving manner for transport, resulting in lower transport costs compared to traditional flat roof systems.

The IROC® DP flat roof PV system is suitable for all bitumen, membrane, gravel, green, and metal roofs.

## **Advantages:**

- Structurally proven components
- ✓ I.F.I. certificate
- Quick assembly
- Without roof penetration
- Low ballast
- Optimal aerodynamic values

- ✓ Continuous bottom profile
- Wide contact area
- Roof protection mat included
- Easy assembly and disassembly
- Optimal air flow for modules



## Technical data: IROC® DP



**Installation angle** 

Roof parallel (without roof penetration)

**Grid dimension** 

Dependent on module width

Roof edge distance

250 mm

**Module size** 

Suitable for all module types (also for unframed modules)

**Building height** 

Max. 35 meter

**Snow load** 

Suitable for any snow load (depending on module)

**Roof covering** 

Foil, bitumen, gravel, green and sheet metal roofs

Material

Screw connections V2A, all load-bearing components made of aluminum

**Building protection mats** 

With aluminum lamination

Surface load

Approximately 15 - 30 kg/m² roof surface (substructure, module, additional ballast)

**Roof pitch** 

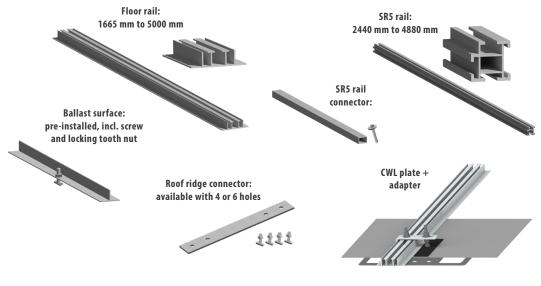
Can be used with roof pitches of up to 30°

**Product guarantee** 

12 years

**Prerequisite** 

The load-bearing capacity of the roof and the roof insulation must be checked and guaranteed by the customer.



Connector for floor rail: available with 2 or 4 holes, fix and flexible



Roof protection mat: aluminium-laminated, notched for floor rail



End- and module clips: available in black and silver, different sizes, with or without pin



Cross connector: for double layer and horizontal installation



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